



**Maryland**  
Department of  
the Environment

Larry Hogan, Governor  
Boyd Rutherford, Lt. Governor

Ben Grumbles, Secretary  
Horacio Tablada, Deputy Secretary

Mr. Michael R. Beichler, C.P.E., Chief  
Baltimore Co. Bureau of Solid Waste Management  
111 West Chesapeake Avenue, Room 225  
Towson, MD 21204-4603

JUN 01 2020

Dear Mr. Beichler

Re: Renewal Part 70 Title V Operating Permit #24-005-2075 Eastern Landfill

Enclosed, please find the renewal Part 70/Title V Operating Permit and Fact Sheet for the Eastern Sanitary Landfill located in White Marsh, MD. The permit will expire on May 31, 2025.

The Code of Maryland Regulations (COMAR) 26.11.03.11 states the following:


If the Department denies a Part 70 permit or issues it with terms and conditions that are objectionable to the applicant, the applicant may request that a contested case hearing be held regarding the permit. This request shall be made to the Department in writing not later than 15 days after the applicant receives notice that the permit has been denied or of the objectionable terms and conditions. The request shall include the basis for the request and refer to any objectionable terms and conditions.

Please note the following revised condition in the Permit under Section II, General Conditions, Number 5, Permit Renewal:

The Permittee shall submit to the Department a completed application for renewal of this Part 70 permit 12 months before the expiration of the permit. Upon submitting a complete application, the Permittee may continue to operate this facility pending final action by the Department on the renewal.

If you have any questions, please feel free to contact Mr. Mario Cora, the permit manager for this facility, at (410) 537-3230 or at [mario.cora@maryland.gov](mailto:mario.cora@maryland.gov).

Sincerely,

  
Suna Yi Sariscak, Manager  
Air Quality Permits Program  
Air & Radiation Administration

SYS/jm

Enclosures

cc: EPA Region III (w/encl)

**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**BACKGROUND**

Eastern Sanitary Landfill Solid Waste Management Facility (ESL) located at 6259 Days Cove Road, White Marsh, Maryland serves Baltimore County. The landfill is owned and operated by Baltimore County Bureau of Solid Waste Management, and currently accepts municipal solid waste (MSW) for burial. No hazardous, liquids, or infectious waste is accepted for burial. The SIC code for the landfill is 4953. Landfill began accepting residential waste in December 1982.

In addition to the disposal of MSW by burial, the facility operates two permitted transfer stations, a yard materials processing center, and a residents' drop-off center that allows residents to drop off limited quantities of MSW, recyclable materials, and household wastes, such as used motor oil and used antifreeze. Recyclable materials are sent off for proper management. A staging area has been provided at the facility for freon recovery from appliances. A licensed third party removes the freon prior to the shipping of the appliances off site for recycling. In addition, ESL owns a landfill gas collection system which was installed for odor control and gas migration management purposes. The LFG system is operated by a third party who collects the LFG and directs it to a landfill gas to energy (LFGTE) facility to generate electricity and/or flare destruction. The LFGTE facility is permitted separately from the Eastern Sanitary Landfill. ESL's enclosed flare is presently used as a backup control device to destruct excess LFG that the LFGTE cannot utilize. The main emissions units at the landfill are the landfill itself, an enclosed flare for the burning of collected gas and odor control, haul roads, and a tub grinder engine.

Baltimore County has a contract with a third party [i.e., Eastern Landfill Gas (ELG)] to operate the landfill gas (LFG) well field and landfill gas to energy (LFGTE) facility. The County owns the well field and leases the land on which the facility is located, but the actual facility is owned by the third party.

On June 3, 2019, the Department received a Part 70 renewal permit application for Eastern Sanitary Landfill for its current permit. An administrative completeness review was conducted and the application was deemed to be complete. The completeness determination letter was sent on June 11, 2019 granting the facility an application shield. The current Title V permit for ESL was issued on June 1, 2015, and will expire on May 31, 2020.

Baltimore County is located in Area III, which is classified as an ozone non-attainment area. The major source thresholds for triggering Title V permitting for

**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

this area under Part 70 rule are the potential to emit of 25 TPY of VOC or NO<sub>x</sub>, 10 TPY of any single HAP, 25 TPY of any combination of HAPs, or 100 TPY of any other criteria pollutant.

A landfill is automatically subject to Part 70 operating permit requirements, if it has a design capacity of at least 2.75 million tons, regardless of whether or not it is a major stationary source. Eastern Sanitary Landfill has an approximate design capacity of 11.4 million tons. Based on its design capacity, this landfill is subject to the Title V permitting requirements.

The New Source Performance Standards (NSPS) requirements apply to an MSW landfill that commenced construction, reconstruction, or modification or began accepting waste on or after May 30, 1991. As an NSPS landfill with a maximum design capacity equal to or greater than 2.5 million megagrams or 2.75 million tons, the Permittee can either install a landfill gas collection and control system and comply with the testing, monitoring, record keeping, and reporting requirements, or calculate the landfill's NMOC emission rate using the three-tier approach. If the calculated NMOC emissions are less than 50 megagrams per year, the Permittee must conduct an annual NMOC emission rate calculation and submit an annual report. If the calculated NMOC emissions are equal to or greater than 50 megagrams per year (Mg/yr), the Permittee is required to install a landfill gas collection and control system and comply with testing, monitoring, record keeping, and reporting requirements.

ESL was required under 40 CFR §60.754(a)(4) to retest the site-specific NMOC concentration every 5 years. The most recent site-specific Tier II testing was conducted between November 10 through the 13, 2008 with a resulting average NMOC concentration of 391.8 ppmv as hexane. Using the site specific NMOC concentration, ESL was able to estimate an NMOC emission rate of 59.61 Mg/yr (65.57 tpy). As a result, ESL is subject to the regulations in 40 CFR §60.752(b). Tier 2 analysis demonstrated that NMOC emission rates are higher than the 55-ton per year (50 Mg) threshold. The facility submitted a design plan to extend the collection system to all affected areas of the landfill.

Changes since the last Issuance

In May 2018, a 750 scfm Candlestick Flare (EU07) was installed to supplement the system. Specifically, the candlestick flare was installed pursuant to a Permit to Construct No. 005-2075-9-1556 issued on December 20, 2017. Actual LFG flow rates to the candlestick flare, when in use, were 411 scfm in 2018. With the installation of the 750 scfm capacity candlestick flare, ESL has flexibility to divert the flows to one of the two flares. Specifically, when the LFG flows to the flare are below the minimum threshold of the enclosed flare or they are below the

**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

candlestick flare capacity, all LFG can be sent to the candlestick flare. The flares are primarily used as a backup and to supplement the third-party LFG to energy power plant.

The facility has added the following activities to the insignificant activities list:

- One (1) 185,000 Btu/hr Clean Burn Multi-Oil Heating System GB 500 Series
- One (1) Kohler 200 KW diesel stand-by generator
- One (1) 2,000 gallon diesel fuel aboveground storage tank

Also the following insignificant activities previously listed in the Part 70 permit have been removed from the facility:

- Phase IX open leachate sump
- Package Multiphase Extraction (MPX) Groundwater Treatment System (MPX-3)
- One Leachate Storage Lagoon
- One (1) 1,000 gallon empty aboveground storage tank – mobile unit located at the equipment yard (L-1).

Compliance Assurance Monitoring

The Compliance Assurance Monitoring (CAM) Rule 40 CFR Subpart 64 is not applicable because Eastern Landfill is subject to an emissions limitation that was proposed by the EPA administrator after November 15, 1990 pursuant to Section 111 or 112 of the Clean Air Act (specifically the facility is subject to the Emissions Guidelines for Municipal Solid Waste Landfills – 40 CFR Subpart Cc).

MACT Requirements

EPA promulgated national emission standards for hazardous air pollutants for existing and new municipal solid waste (MSW) landfills- 40 CFR Part 63- Subpart AAAA. Eastern Sanitary Landfill is subject to these MACT requirements because it is a MSW landfill that has accepted waste since November 8, 1987 and is an area source landfill that has a design capacity equal to or greater than 2.5 million cubic meters that was not permanently closed as of January 16, 2003. Eastern Sanitary Landfill must comply with the MACT requirements when the facility NMOC emissions exceed 50 Mg/year (currently, they do exceed this threshold).

The following Tables 1 and 2 summarize the actual emissions from the Eastern Sanitary Landfill based on its Annual Emission Certification Reports:

**PART 70 OPERATING PERMIT FACT SHEET  
 EASTERN SANITARY LANDFILL  
 6259 DAYS COVE ROAD  
 WHITE MARSH, BALTIMORE COUNTY  
 PART 70 OPERATING PERMIT NO. 24-005-02075**

**Table 1: Actual Emissions**

Year	NOx (TPY)	SOx (TPY)	PM10 (TPY)	CO (TPY)	VOC (TPY)
2018	7.17	0.95	7.78	19.39	7.61
2017	5.16	0.66	8.49	9.87	7.19
2016	4.41	0.40	6.54	5.83	6.81
2015	9.68	1.79	13.01	25.91	5.36
2014	5.87	0.42	10.23	5.67	10.55

**Table 2: Summary of projected NMOC generation rates\***

Year	NMOC (Mg/yr)
2020	46.09
2021	47.55
2022	48.95
2023	50.29
2024	51.59

\*NMOC emissions are reported in the Title V application using default values in the LandGEM model.

**GREENHOUSE GAS (GHG) EMISSION STATEMENT**

There are no greenhouse gas related Clean Air Act requirements applicable to Eastern Sanitary Landfill. Furthermore, the ESL has not triggered Prevention of Significant Deterioration (PSD) requirements for GHG emissions.

Eastern Sanitary Landfill emits the following greenhouse gases (GHGs) related to Clean Air Act requirements: carbon dioxide and methane. These GHGs originate from various processes (i.e., waste decomposition and landfill gas fugitives) contained within the facility premises applicable to ESL. The facility has not triggered Prevention of Significant Deterioration (PSD) requirements for GHG emissions; therefore, there are no applicable GHG Clean Air Act requirements. As a brand new facility, GHGs were based on emission estimates using default data entered in the US EPA LandGEM model, version 3.02 (see Table 3 shown below). Future emission certifications will show more accurate levels once site specific data are gathered in the future years. Furthermore, the Permittee shall quantify facility wide GHG emissions and report them in accordance with Section 3 of the Part 70 permit.

The following table 3 summarizes the actual emissions from ESL based on emission estimates using the LandGEM model and information submitted in the Part 70 Permit Application:

**PART 70 OPERATING PERMIT FACT SHEET  
 EASTERN SANITARY LANDFILL  
 6259 DAYS COVE ROAD  
 WHITE MARSH, BALTIMORE COUNTY  
 PART 70 OPERATING PERMIT NO. 24-005-02075**

**Table 3: Greenhouse Gases Emissions Summary (Year 2019)**

<b>GHG</b>	<b>Conversion factor</b>	<b>2013 tpy CO<sub>2eq</sub></b>
Carbon dioxide, CO <sub>2</sub>	<b>1</b>	<b>9,530</b>
Methane, CH <sub>4</sub>	<b>25</b>	<b>4,387</b>
Nitrous Oxide, N <sub>2</sub> O	<b>298</b>	<b>0.0</b>
<b>Total GHG, CO<sub>2eq</sub></b>		<b>13,917</b>

Note: the N<sub>2</sub>O, HFCs, PFCs, and SF<sub>6</sub> emissions from fugitive LFG are not quantified due to the absence of AP-42 emission factors.

**EMISSION UNIT IDENTIFICATION**

The following emission units have been identified at Eastern Sanitary Landfill, as being subject to the Title V permitting requirements and having applicable requirements.

**Table 4: Emission Unit Identification**

<b>Emissions Unit Number</b>	<b>MDE Registration Number</b>	<b>Emissions Unit Description</b>	<b>Date of Registration</b>
EU-01	9-1035	MSW Landfill.	December 1982
EU-02	N/A	Haul roads/landfill construction.	1981
EU-03	9-1394	One (1) 5,000 gallons Gasoline Storage Tank.	March 2010
EU-05	9-1020N	Enclosed flare for burning landfill gas and rated at 2,500 scfm.	June 1998
EU-06	6-1438	Tub grinder with a 1,050 hp diesel fuel engine.	March 2013
EU-07	9-1556	Candlestick Flare for burning landfill gas and rated at 750 scfm.	December 2017

**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**AN OVERVIEW OF THE PART 70 PERMIT**

Section I of the Part 70 Permit contains a brief description of the facility and an inventory list of the emissions units for which applicable requirements are identified in Section IV of the permit.

Section II of the Part 70 Permit contains the general requirements that relate to administrative permit actions. This section includes the procedures for renewing, amending, reopening, and transferring permits, the relationship to permits to construct and approvals, and the general duty to provide information and to comply with all applicable requirements.

Section III of the Part 70 Permit contains the general requirements for testing, record keeping and reporting; and requirements that affect the facility as a whole, such as open burning, air pollution episodes, particulate matter from construction and demolition activities, asbestos provisions, ozone depleting substance provisions, general conformity, and acid rain permit. This section includes the requirement to report excess emissions and deviations, to submit an annual emissions certification report and an annual compliance certification report, and results of sampling and testing.

Section IV of the Part 70 Permit identifies the emissions standards, emissions limitations, operational limitations, and work practices applicable to each emissions unit located at the facility. For each standard, limitation, and work practice, the permit identifies the basis upon which the Permittee will demonstrate compliance. The basis will include testing, monitoring, record keeping, and reporting requirements. The demonstration may include one or more of these methods.

Section V of the Part 70 Permit contains a list of insignificant activities. These activities emit very small quantities of regulated air pollutants and do not require a permit to construct or registration with the Department. For insignificant activities that are subject to a requirement under the Clean Air Act, the requirement is listed under the activity.

Section VI of the Part 70 Permit contains State-only enforceable requirements. Section VI identifies requirements that are not based on the Clean Air Act, but solely on Maryland air pollution regulations. These requirements generally relate to the prevention of nuisances and implementation of Maryland's Air Toxics Program.

**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**REGULATORY AND TECHNICAL REVIEW/COMPLIANCE METHODOLOGY**

Emission Unit: EU-01

1. Municipal Solid Waste Landfill. **[MDE Reg. No. 9-1035]**

**Applicable Standards and Limits:**

**A. Standards for Air Emissions**

**[Reference: 40 CFR 60.752]**

(1) The Permittee shall ensure that the gas collection and control system satisfies the requirements for an active collection system as provided for in §60.752(b)(2)(ii)(A)(1) through (4). The Permittee shall install the gas collection and control system according to the specifications in §60.759.

**[Reference: 40 CFR 60.752(b)(2)(ii)(A) and 60.757]**

(2) The Permittee shall route all the collected landfill gas to a control system designed and operated to reduce nonmethane organic compounds (NMOC) by 98 weight-percent as provided for in §60.752(b)(2)(iii)(B). **[Reference: 40 CFR 60.752(b)(2)(iii) and (iii)(B)]**

(3) The Permittee may cap or remove the collection and control system provided that all the conditions of §60.752(b)(2)(v)(A) – (C) are met. The NMOC gas produced by the landfill shall be calculated following the procedures specified in §60.754(b). **[Reference: 40 CFR 60.752(b)(2)(v)]**

(4) When the landfill is closed, the Permittee is no longer subject to the requirement to maintain an operating permit under part 70 for the landfill if the landfill is not otherwise subject to the requirements of part 70 and if either of the conditions in §60.752(b)(1) and (2) are met. **[Reference: 40 CFR 60.752(b)]**

(5) The Permittee shall not cause or allow any material to be handled, transported, or stored; or a building, its appurtenances; or a road to be used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne.

**[Reference: COMAR 26.11.06.03D(2)]**

**Compliance Demonstration**

**[Reference: 40 CFR 60.754 and 755]**

To comply with the testing requirements, the Permittee shall use the methods specified in §60.755(a)(1) through (a)(6) to determine whether the gas collection system is in compliance with the requirements for an active



**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

collection system in §60.752(b)(ii)(A). **[Reference: 40 CFR 60.755(a)]**. The monitoring requirements should be implemented following the recommendations stated in the Section 1.3.B “Operational Standards.” **[Reference: 40 CFR 60.755 and 40 CFR 60.756]** To comply with Record Keeping requirements, the Permittee shall follow the procedures listed in Section 1.4.A, “Record Keeping Requirements, Standards for Air Emissions.” **[Reference: 40 CFR 60.758(d)]** To comply with Reporting requirements, the Permittee shall follow the procedures listed in Section 1.5.A, “Reporting Requirements, Standards for Air Emissions.” **[Reference: 40 CFR 60.757(d), and 40 CFR 60.757(e)]**

**B. Operational Standards**

**[Reference: 40 CFR 60.753]**

(1) The Permittee shall operate the gas collection and control system such that landfill gas is collected from each area, cell, or group of cells in the MSW landfill in which solid waste has been in place for 5 years or more if active; or 2 years or more if closed or at final grade. **[Reference: 40 CFR 60.752(b)(2)(ii)(A)(2) and 60.753(a)]**

(2) The Permittee shall operate the collection system with negative pressure at each wellhead except under the conditions specified in §60.753(b)(1) – (3). **[Reference: 40 CFR 60.753(b)]**

(3) The Permittee shall operate each interior wellhead in the collection system with a landfill gas temperature less than 55° C and with either a nitrogen level less than 20 percent or an oxygen level less than 5 percent. The Permittee may establish a higher operating temperature, nitrogen, or oxygen value at a particular well as provided for in §60.753(c). **[Reference: 40 CFR 60.753(c)]**

(4) The Permittee shall operate the collection system so that the methane concentration is less than 500 parts per million above background at the surface of the landfill. To determine if this level is exceeded, the Permittee shall conduct surface testing around the perimeter of the collection area and along a pattern that traverses the landfill as provided for in §60.753(d). **[Reference: 40 CFR 60.753(d)]**

(5) In the event the collection or control system is inoperable, the Permittee shall shut down the gas mover system and shall close, within one hour, all valves in the collection and control system contributing to venting of the gas to the atmosphere. **[Reference: 40 CFR 60.753(e)]**

**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

(6) The Permittee shall operate the control or treatment system at all times when the collected gas is routed to the system. **[Reference: 40 CFR 60.753(f)]**

(7) The Permittee shall take corrective action as specified in §60.755(a)(3) through (5) or §60.755(c) of 40 CFR 60, Subpart WWW if monitoring demonstrates that the operational requirements in §60.753(b), (c), or (d) are not met. If corrective actions are taken as specified in §60.755, the monitored exceedance is not a violation of the operational requirements in §60.753. **[Reference: 40 CFR 60.753(g)]**

(8) The Permittee shall take reasonable precautions, including the application of water on unpaved roads and other surfaces, to prevent particulate matter from becoming airborne. **[Reference: COMAR 26.11.06.03D(2)]**

Compliance Demonstration

The Permittee shall demonstrate compliance with the testing requirements by following the procedures listed under the Section 1.3.B "Monitoring Requirements." The monitoring requirements should be implemented following the recommendations stated in the Section 1.3.B "Operational Standards." **[Reference: 40 CFR 60.755 and 40 CFR 60.756]** To comply with Record Keeping requirements, the Permittee shall follow the procedures listed in Section 1.4.B, "Record Keeping Requirements, Standards for Air Emissions." **[Reference: 40 CFR 60.753(b), 40 CFR 60.758(c), and 40 CFR 60.758(e)]** To comply with Reporting requirements, the Permittee shall follow the procedures listed in Section 1.5.B, "Reporting Requirements, Standards for Air Emissions." **[Reference: 40 CFR 60.757(f)]**

**C. Other Requirements**

The provisions of 40 CFR 60, Subpart WWW apply at all times, except during periods of start-up, shutdown, or malfunction, provided that the duration of start-up, shutdown, or malfunction shall not exceed 5 days for collection systems and shall not exceed one (1) hour for treatment or control devices. **[Reference: 40 CFR 60.755(e)]**

Compliance Demonstration

The Permittee shall demonstrate compliance with the testing requirements by following the procedures listed under Record Keeping and Reporting Requirements in Section 1.4 and 1.5. The monitoring requirements should be implemented following the recommendations listed under Record Keeping and Reporting Requirements in Section 1.4 and 1.5. Record Keeping requirements are listed in Section 1.4. as, "(1) Except as provided in §60.752(b)(2)(i)(B), the Permittee shall keep for at least 5 years up-to-date,

**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

readily accessible, on-site records of the design capacity report which triggered §60.752(b), the current amount of solid waste in-place, and the year-by-year waste acceptance rate. Off-site records may be maintained if they are retrievable within 4 hours. Either paper copy or electronic formats are acceptable. **[Reference: 40CFR 60.758(a)]** (2) Except as provided in §60.752(b)(2)(i)(B), the Permittee shall keep for 5 years up-to-date, readily accessible records for periods of operation during which the parameter boundaries established during the most recent performance test are exceeded. **[Reference: 40 CFR 60.758(c)]** (3) The Permittee shall keep up-to-date, readily accessible continuous records of the indication of flow to the control device or the indication of bypass flow or records of monthly inspections of car-seals or lock-and-key configurations used to seal bypass lines, specified under §60.756." **[Reference: 40 CFR 60.758(c)(2)]**

To comply with reporting requirements, the Permittee shall submit an annual NMOC emission rate report to the Administrator. The report is due on the anniversary of the Permittee's initial submittal of the NMOC report as required in 40 CFR 60.757(b). **[Reference: 40 CFR 60.757(b) and 40 CFR 60.757(b)(3)]**

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**Emission Unit: EU-1 Cont'd**

**Applicable Standards/Limits:**

**Subpart AAAA – National Emission Standard for Hazardous Air Pollutants: Municipal Solid Waste Landfills.**

**Applicability**

"You are subject to this subpart if you own or operate a MSW landfill that has accepted since November 8, 1987 or has additional capacity for waste disposition and meets any one of the three criteria in paragraphs (a)(1) through (3) of this section: (3) Your MSW landfill is an area source landfill that has a design capacity equal to or greater than 2.5 million megagrams (Mg) and 2.5 million cubic meters (m<sup>3</sup>) and has estimated uncontrolled emissions equal to or greater than 50 megagrams per year (Mg/yr) NMOC as calculated according to §60.754(a) of the MSW landfills new source performance standards in 40 CFR part 60, subpart WWW, the Federal plan, or an EPA approved and effective State or tribal plan that applies to your landfill." **[Reference: 40 CFR §63.1935(a)(3)]**

**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

“If your landfill is an existing affected source and is an area source meeting the criteria in §63.1935(a)(3), you must comply with the requirements in §§63.1955(b) and 63.1960 through 63.1980 by the date your landfill is required to install a collection and control system by 40 CFR 60.752(b)(2) of subpart WWW, the Federal plan, or EPA approved and effective State or tribal plan that applies to your landfill or by January 16, 2004, whichever occurs later.” **[Reference: 40.CFR §63.1945(f)]**

**Standards**

“If you are required by 40 CFR 60.752(b)(2) of subpart WWW, the Federal plan, or an EPA approved and effective State or tribal plan to install a collection and control system, you must comply with the requirements in §§63.1960 through 63.1985 and with the general provisions of this part specified in table 1 of this subpart.” **[Reference: 40 CFR §63.1955(b)]**

**General and Continuing Compliance Requirements**

“Compliance is determined in the same way it is determined for 40 CFR Part 60, subpart WWW, including performance testing, monitoring of the collection system, continuous parameter monitoring, and other credible evidence. In addition, continuous parameter monitoring data, collected under 40 CFR 60.756(b)(1), (c)(1), and (d) of subpart WWW, are used to demonstrate compliance with the operating conditions for control systems. If a deviation occurs, you have failed to meet the control device operating conditions described in this subpart and have deviated from the requirements of this subpart. Finally, you must develop and implement a written SSM plan according to the provisions in 40 CFR 63.6(e)(3). A copy of the SSM plan must be maintained on site. Failure to write, implement, or maintain a copy of the SSM plan is a deviation from the requirements of this subpart.” **[Reference: 40.CFR §63.1960]**

**Compliance Demonstration**

“Keep records and reports as specified in 40 CFR Part 60, Subpart WWW, or in the Federal plan, EPA approved State plan or tribal plan that implements 40 CFR Part 60, Subpart Cc, whichever applies to your landfill, with one exception: You must submit the annual report described in 40 CFR 60.757(f) **every 6 months.**” **[Reference: 40 CFR §63.1980(a)]**

“You must also keep records and reports as specified in the general provisions of 40 CFR Part 60 and this part as shown in Table 1 of this subpart. Applicable records in the general provisions include items such as SSM plans and the SSM plan reports.” **[Reference: 40 CFR §63.1980(b)]**

**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**Emission Unit:** EU-02

Haul Roads/Landfill Construction  
Applicable Standards and Limits

**A. Control of Particulate Matter Emissions**

**[COMAR 26.11.06.03C(1)] – Particulate Matter from Unconfined Sources.**

“A person may not cause or permit emissions from an unconfined source without taking reasonable precautions to prevent particulate matter from becoming airborne.”

Compliance Demonstration

To comply with the testing requirements, the Permittee shall follow the Monitoring procedures in Section 2.3.A. As part of the monitoring requirements, the Permittee shall comply with and update as needed the best management plan that describes the procedures and methods that will be used to take reasonable precautions. The Permittee shall perform a walk through inspection of the facility to observe each emissions unit to verify that reasonable precautions are being implemented and to determine whether the reasonable precautions need to be revised. The inspection shall be conducted at a minimum of once per month at times when the effectiveness of the reasonable precautions can be assessed.

**[Reference: COMAR 26.11.03.06C]** To comply with the record-keeping requirement, the Permittee shall maintain the plan and records of the dates and results of inspections for at least five (5) years and make them available to the Department upon request. **[Reference: COMAR 26.11.03.06C]** As part of the reporting requirements, the Permittee shall report incidents of visible emissions in accordance with Permit Condition 4, Section III, “Report of Excess Emissions and Deviations.”

**B. Control of Particulate Matter – [COMAR 26.11.06.03D]**

The Permittee shall not cause or permit any materials to be handled, transported, or stored, or a building, its appurtenances, or a road to be used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne.

Compliance Demonstration

To comply with the testing requirements, the Permittee shall follow the Monitoring procedures in Section 2.3.B. As part of the monitoring requirements, the Permittee shall prepare and update, as needed a best management practices plan that describes the procedures and methods that will be used to take reasonable precautions. The Permittee shall also perform an inspection at minimum once a month to verify that best management practices are being implemented and that the precautions are sufficient to control particulate matter

**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

emissions. [Reference: COMAR 26.11.03.06] To comply with the record-keeping requirement, the Permittee shall maintain the plan and records of the dates and results of inspections for at least five (5) years and make them available to the Department upon request. [Reference: COMAR 26.11.03.06C] As part of the reporting requirements, the Permittee shall report incidents of visible emissions in accordance with Permit Condition 4, Section III, "Report of Excess Emissions and Deviations."

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**Emission Unit: EU-03**

One (1) 5,000 gallons above ground gasoline storage tank and a gasoline dispensing facility, permit issued March 23, 2010. [MDE Reg. No. 9-1394]

**Applicable Standards/Limits:**

**Control of Volatile Organic Compounds**

**[COMAR 26.11.13.04C] – Small Storage Tanks.**

- (1) "**Applicability.** This section applies to a person who owns or operates:
  - (a) A gasoline storage tank that has a tank capacity greater than 2,000 gallons but less than 40,000 gallons; or
  - (b) A gasoline tank truck used to transfer gasoline into a storage tank that is listed in Sec. C(1)(a) of this regulation.
  
- (2) **Stage I Vapor Recovery.** An owner or operator of a gasoline tank truck or an owner or operator of a stationary storage tank subject to this regulation may not cause or permit gasoline to be loaded into a stationary tank unless the loading system is equipped with a vapor balance line that is properly installed, maintained and used."

**[COMAR 26.11.13.04D] – General Standards.**

"A person may not cause or permit a gasoline or VOC having a TVP of 1.5 psia (10.3 kilonewtons/square meter) or greater to be loaded into any truck, railroad tank car, or other contrivance unless the:

- (1) Loading connections on the vapor lines are equipped with fittings that have no leaks and that automatically and immediately close upon disconnection to prevent release of gasoline or VOC from these fittings; and

**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

- (2) Equipment is maintained and operated in a manner to prevent avoidable liquid leaks during loading and unloading operations.”

Compliance Demonstration

The Permittee shall monitor the fuel drop to verify that the Stage 1 vapor balance system is used at least once a month. In addition, at least once a month during a delivery, the Permittee shall monitor a fuel drop for liquid spills and check the hose fittings and connections for leaks and proper operation. **[Reference: COMAR 26.11.03.06C]** The Permittee shall maintain a record of the monthly inspection results, gasoline loading and unloading operations for liquid leaks and spills, and that the loading connections are leak tight and automatically close. **[Reference: COMAR 26.11.03.06C]** All records must be maintained for a period of 5 years. **[Reference: COMAR 26.11.03.06.C]** The Permittee shall report incidents of release of volatile organic compounds in accordance with Permit Condition 4, Section III, Plant Wide Condition, “Report of Excess Emissions and Deviations.

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**Emission Unit: EU-05**

Enclosed flare for burning landfill gas and rated at 2,500 scfm. **[MDE Reg. No. 9-1020]**

**A. Control of Visible Emissions**

**[COMAR 26.11.06.02C(2)] – Visible Emission Standards.**

“In Areas III and IV, a person may not cause or permit the discharge of emissions from any installation or building, other than water in an uncombined form, which is visible to human observers.”

**[COMAR 26.11.06.02A(2)] – Exception.**

“The visible emissions standards in C of this regulation do not apply to emissions during start-up and process modification or adjustments, or occasional cleaning of control equipment, if: (a) The visible emissions are not greater than 40 percent opacity; and (b) The visible emissions do not occur for more than 6 consecutive minutes in any 60 minute period.”

Compliance Demonstration

As part of the monitoring requirements, the Permittee shall properly operate and maintain the flare in a manner to minimize visible emissions. **[Reference: COMAR 26.11.03.06C]** As part of the recordkeeping requirements, the Permittee shall retain records of preventive maintenance on site for at least five years and make these records available to the Department upon request. **[Reference:**

**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**COMAR 26.11.03.06C]** As part of the reporting requirements, the Permittee shall report incidents of visible emissions in accordance with Permit Condition 4, Section III, Plant Wide Condition, "Report of Excess Emissions and Deviations."

**B. Control of Particulate Matter**

**[COMAR 26.11.0603B(2)(a)] – Particulate Matter from Confined Sources.**

"A person may not cause or permit to be discharged into the outdoor atmosphere from any other installation, particulate matter in excess of 0.03 gr/SCFD (68.7 mg/dscm)."

**Particulate Matter from Materials Handling and Construction**

**[COMAR 26.11.06.03D]** – "A person may not cause or permit any material to be handled, transported, or stored, or a building, its appurtenances, or a road to be used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne."

Compliance Demonstration

As part of the monitoring requirements, the Permittee shall perform preventive maintenance once per month or as recommended by the equipment manufacturer on the flare. **[Reference: COMAR 26.11.03.06C]** As part of the recordkeeping requirements, the Permittee shall maintain a log of the maintenance performed on the flare and make the logs available to the Department upon request. **[Reference: COMAR 26.11.03.06C]** As part of the reporting requirements, the Permittee shall report excess of particulate matter emissions released to the environment as part of the annual emission certification.

**C. Operational Limit**

The Permittee shall operate and maintain the flare system in accordance with the manufacturer's recommendations. **[Reference: MDE PTC No. 005-2075-9-1020].**

Compliance Demonstration

As part of the monitoring requirements, the Permittee shall continuously monitor the landfill gas flow rate and the flare combustion temperature. **[Reference: COMAR 26.11.03.06C]** The Permittee shall conduct regular monitoring at least once a week of the blower and flare system to ensure proper operation of the landfill gas extraction system. **[Reference: COMAR 26.11.03.06C]** As part of the recordkeeping requirements, the Permittee shall keep the records required above on site for at least five years and shall make such records available to Department upon request. **[Reference: COMAR 26.11.03.06C]** As part of the



**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

reporting requirements, the Permittee shall make records available to the Department upon request. [Reference: COMAR 26.11.03.06C]

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**Emission Unit: EU-06**

One (1) tub grinder, powered by a 1,050 bhp diesel-fired internal combustion engine, installed March 2013. [MDE Reg. No. 6-1438]

**Applicable Standards/Limits:**

**A. Control of Visible Emissions**

**(1) Control of Visible Emission for grinding process**

**[COMAR 26.11.06.02C(2)]**

"In Areas III and IV, a person may not cause or permit the discharge of emissions from any installation or building, other than water in an uncombined form, which is visible to human observers."

**Exception – [COMAR 26.11.06.02A(2)]**

"The visible emissions standards in C of this regulation do not apply to emissions during start-up and process modification or adjustments, or occasional cleaning of control equipment, if: (a) The visible emissions are not greater than 40 percent opacity; and (b) The visible emissions do not occur for more than 6 consecutive minutes in any 60 minute period."

**FOR ENGINE ONLY**

**(2) Visible Emissions Limits for Stationary Internal Combustion Engine Powered Equipment**

**[COMAR 26.11.09.05E]**

- (1) "Emissions During Idle Mode. A person may not cause or permit the discharge of emissions from any engine, operating at idle, greater than 10 percent opacity.
- (2) Emissions During Operating Mode. A person may not cause or permit the discharge of emissions from any engine, operating at other than idle conditions, greater than 40 percent opacity.

**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

(3) Exceptions.

- (a) Section E(2) does not apply for a period of 2 consecutive minutes after a period of idling of 15 consecutive minutes for the purpose of clearing the exhaust system.
- (b) Section E(2) does not apply to emissions resulting directly from cold engine start-up and warm-up for the following maximum periods:
  - (i) Engines that are idled continuously when not in service: 30 minutes;
  - (ii) All other engines: 15 minutes.
- (c) Section E(2) and (3) does not apply while maintenance, repair, or testing is being performed by qualified mechanics.”

Compliance Demonstration

As part of the monitoring requirements, the Permittee shall properly operate and maintain the horizontal grinder in a manner to minimize visible emissions.

**[Reference: COMAR 26.11.06.02C(2)]** The Permittee shall properly operate and maintain engine in a manner to minimize visible emissions. **[Reference:**

**COMAR 26.11.09.05B]** As part of the recordkeeping requirements, the Permittee shall retain records of preventive maintenance on site for at least five years and make these records available to the Department upon request.

**[Reference: COMAR 26.11.03.06C]** As part of the reporting requirements, the Permittee shall report incidents of visible emissions in accordance with Permit Condition 4, Section III, Plant Wide Condition, “Report of Excess Emissions and Deviations.

**FOR ENGINE ONLY**

**B. Control of Sulfur Oxides from Fuel Burning Equipment**

**[COMAR 26.11.09.07A(2)]**

“A person may not burn, sell, or make available for sale any fuel with a sulfur content by weight in excess of or which otherwise exceeds the following limitations:

- (b) Distillate fuel oils, 0.3 percent;”

**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

Compliance Demonstration

As part of the monitoring requirements, the Permittee shall obtain a certification from the fuel supplier indicating that the fuel oil complies with the limitation on sulfur content of the fuel oil. **[Reference: COMAR 26.11.03.06C]** As part of the record keeping requirements, the Permittee shall retain annual fuel supplier certifications stating that the fuel oil is in compliance with this regulation must be maintained for at least 5 years. **[Reference: COMAR 26.11.09.07C]** As part of the reporting requirements, the Permittee shall report the amount of fuel oil combusted as part of the annual emission certification.

**C. Operational Limit**

The engine, which powers the tub grinder, shall operate no more than 2,500 hours for any 12-month rolling period. **[MDE Permit No. 005-02075-9-1438]**

Compliance Demonstration

As part of the monitoring requirements, the Permittee shall monitor the operating hours for the engine that drives the tub grinder. **[Reference: PTC-00364-9-0369]** The Permittee shall maintain records of the operating hours for the engine that drives the tub grinder. **[Reference: COMAR 26.11.03.06C]** The Permittee shall report the engine operating hours as part of the annual emission certification.

---

**Emission Unit: EU-07**

Open flare for burning landfill gas and rated at 750 scfm. **[MDE Reg. No. 9-1556]**

**A. Control of Visible Emissions**

**[COMAR 26.11.06.02C(2)] – Visible Emission Standards.**

“In Areas III and IV, a person may not cause or permit the discharge of emissions from any installation or building, other than water in an uncombined form, which is visible to human observers.”

**[COMAR 26.11.06.02A(2)] – Exception.**

“The visible emissions standards in C of this regulation do not apply to emissions during start-up and process modification or adjustments, or occasional cleaning of control equipment, if: (a) The visible emissions are not greater than 40 percent opacity; and (b) The visible emissions do not occur for more than 6 consecutive minutes in any 60 minute period.”

**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

Compliance Demonstration

As part of the monitoring requirements, the Permittee shall properly operate and maintain the flare in a manner to minimize visible emissions. **[Reference: COMAR 26.11.03.06C]** As part of the recordkeeping requirements, the Permittee shall retain records of preventive maintenance on site for at least five years and make these records available to the Department upon request. **[Reference: COMAR 26.11.03.06C]** As part of the reporting requirements, the Permittee shall report incidents of visible emissions in accordance with Permit Condition 4, Section III, Plant Wide Condition, "Report of Excess Emissions and Deviations.

**B. Operational Limit**

The Permittee shall operate and maintain the flare system in accordance with the manufacturer's recommendations. **[Reference: MDE PTC No. 005-2075-9-1556]**

Compliance Demonstration

The Permittee shall operate and maintain the flare system in accordance with the manufacturer's recommendations. **[Reference: MDE PTC No. 005-2075-9-1556]** The Permittee shall monitor the flare system in accordance with the manufacturer's recommendations. **[Reference: MDE PTC No. 005-2075-9-1556]** As part of the recordkeeping requirements, the Permittee shall keep the records required above on site for at least five years and shall make such records available to Department upon request. **[Reference: COMAR 26.11.03.06C]**

**COMPLIANCE SCHEDULE**

The Eastern Sanitary Landfill is currently in compliance with all applicable air quality regulations.

**TITLE IV - ACID RAIN**

The Acid Rain Program does not apply to Eastern Sanitary Landfill.

**TITLE VI - OZONE DEPLETING SUBSTANCES**

The facility is currently complying with the applicable federal requirements in 40 CFR 82, 82.34(a); 82.42(a)(1); 82.42(b)(1), (2).

**SECTION 112 (r) - ACCIDENTAL RELEASE**

The facility is not subject to the requirements of Section 112 (r) of the Clean Air Act.

**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**PERMIT SHIELD**

Eastern Sanitary Landfill did not request a permit shield in the application.

**INSIGNIFICANT ACTIVITIES**

This section provides a list of insignificant emissions units that were reported in the Title V permit application. The applicable Clean Air Act requirements, if any, are listed below the insignificant activity.

- (1) No. 3 Fuel burning equipment using gaseous fuels or no. 1 or no. 2 fuel oil, and having a heat input less than 1,000,000 Btu (1.06 gigajoules) per hour;

The two (2) Fuel burning units are subject to the following requirements: one (1) 799,890 BTU/hour passive flare for odor control on leachate tank vent (not currently in use); one (1) 185,000 BTU/hr waste oil burner in maintenance shop; and one (1) 185,000 BTU/hr No.2 fuel oil fired furnace to heat the administration office.

**[COMAR 26.11.09.05A(2)] – Fuel Burning Equipment.**

“In Areas III and IV a person may not cause or permit the discharge of emissions from any installation or building, other than water in an uncombined form, which is visible to human observers.”

**[COMAR 26.11.09.05A(3)] – Exceptions.**

“Section A(1) and (2) of this regulation do not apply to emissions during load changing, soot blowing, startup, or adjustments or occasional cleaning of control equipment if:

- (a) The visible emissions are not greater than 40 percent opacity; and
- (b) The visible emissions do not occur for more than 6 consecutive minutes in any sixty minute period.”

- (2) No. 7 Stationary internal combustion engines with an output less than 500 brake horsepower (373 kilowatts) and which are not used to generate electricity for sale or for peak or load shaving;

**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

The seven (7) internal combustion engines are subject to the following requirements: one (1) 11 hp gasoline-fueled motor running the Champion compressor in the compost shed; two (2) 75 hp diesel trash pump (4" Godwin Pump); one (1) 135 hp diesel-fueled engine used for trommel screener in yard materials processing center; and two (2) Handheld diesel-fired power washers, and one (1) Kholer 200 KW diesel stand-by generator.

**[COMAR 26.11.09.05E(2)] – Stationary Internal Combustion Engine Powered Equipment.**

"(2) Emissions During Idle Mode. A person may not cause or permit the discharge of emissions from any engine, operating at idle, greater than 10 percent opacity."

"(3) Emissions During Operating Mode. A person may not cause or permit the discharge of emissions from any engine, operating at other than idle conditions, greater than 40 percent opacity."

"(4) Exceptions.

- (a) Section E(2) of this regulation does not apply for a period of 2 consecutive minutes after a period of idling of 15 consecutive minutes for the purpose of clearing the exhaust system.
  - (b) Section E(2) of this regulation does not apply to emissions resulting directly from cold engine start-up and warm-up for the following maximum periods:
    - (i) Engines that are idled continuously when not in service: 30 minutes;
    - (ii) All other engines: 15 minutes.
  - (c) Section E(2) and (3) of this regulation do not apply while maintenance, repair, or testing is being performed by qualified mechanics."
- (3) Containers, reservoirs, or tanks used exclusively for:
- (a) No.   9   Storage of lubricating oils;
  - (b) No.   7   Storage of Numbers 1, 2, 4, 5, and 6 fuel oil and aviation jet engine fuel;
  - (c) No.   1   Storage of motor vehicle gasoline and having individual tank capacities of 2,000 gallons (7.6 cubic meters) or less;

**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

- (4)   X   Portable water treatment equipment, not including air stripping equipment;
- (5)   X   Comfort air conditioning subject to requirements of Title VI of the Clean Air Act;
- (6) any other emissions unit, not listed in this section, with a potential to emit less than the "de minimus" levels listed in COMAR 26.11.02.10X (list and describe units):
- No.   1   Yard Material Processing Center
- No.   2   Transfer Station
- No.   1   Underground 19,800 gallon Leachate Tank (UST-4)
- No.   1   10,000 gallon tank (UST-2) (washwater & refuse liquids from transfer station)
- No.   1   1,500 gallon tank (UST-2) (washwater from cleaning off trucks)

**STATE-ONLY ENFORCEABLE CONDITIONS**

The Permittee is subject to the following State-only enforceable requirements:

1. Applicable Regulations:
  - (A) **COMAR 26.11.06.08 – Nuisance.**  
"An installation or premises may not be operated or maintained in such a manner that a nuisance or air pollution is created. Nothing in this regulation relating to the control of emissions may in any manner be constructed as authorizing or permitting the creation of, or maintenance of, nuisance or air pollution."
  - (B) **COMAR 26.11.06.09 – Odors.**  
"A person may not cause or permit the discharge into the atmosphere of gases, vapors, or odors beyond the property line in such a manner that a nuisance or air pollution is created."

**PART 70 OPERATING PERMIT FACT SHEET  
EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, BALTIMORE COUNTY  
PART 70 OPERATING PERMIT NO. 24-005-02075**

- (C) **COMAR 26.11.15.05A – Control Technology Requirement.**  
“A person may not construct, reconstruct, operate, or cause to be constructed, reconstructed, or operated any new installation or new source that will discharge a toxic air pollutant to the atmosphere without installing and operating T-BACT.”
- (D) **COMAR 26.11.15.06A – Ambient Impact Requirement.**
- (1) “Except as provided in Sec. A(2), of this regulation, a person may not construct, modify, or operate or cause to be constructed, modified, or operated any new installation or source without first demonstrating to the satisfaction of the Department using procedures established in this chapter that total allowable emissions from the premises of each toxic air pollutant discharged by the new installation or source will not unreasonably endanger human health; and
  - (2) If a new installation or source will discharge a TAP that is not listed in COMAR 26.11.16.07, and will be part of an existing premises, then emissions of that TAP from existing sources or existing installations on the premises may be omitted from a screening analysis unless the TAP is added to COMAR 26.11.16.07.”

2. Record Keeping and Reporting:

The Permittee shall submit to the Department, by April 1 of each year during the term of this permit, a written certification of the results of an analysis of emissions of toxic air pollutants from the Permittee’s facility during the previous calendar year. The analysis shall include either:

- (a) a statement that previously submitted compliance demonstrations for emissions of toxic air pollutants remain valid; or
- (b) a revised compliance demonstration, developed in accordance with requirements included under COMAR 26.11.15 & 16, that accounts for changes in operations, analytical methods, emissions determinations, or other factors that have invalidated previous demonstrations.

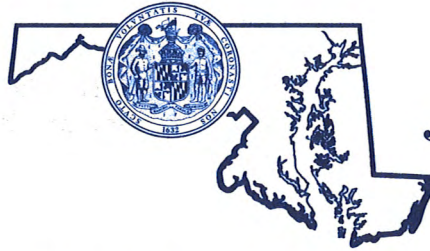


KEEP PERMIT AT SITE

CONTROL NO. B - 06813

Larry Hogan  
Governor

*State of*



*Maryland*

Ben Grumbles  
Secretary

**DEPARTMENT OF THE ENVIRONMENT**

Air and Radiation Administration  
1800 Washington Boulevard, Suite 720  
Baltimore, MD 21230

Construction Permit

Part 70  
 Operating Permit

PERMIT NO. 24-005-02075

DATE ISSUED June 1, 2020

PERMIT FEE To be paid in accordance  
with COMAR 26.11.02.19B

EXPIRATION DATE May 31, 2025

**LEGAL OWNER & ADDRESS**

Bureau of Solid Waste Management DPW  
County Office Building, Room 225  
111 West Chesapeake Avenue  
Towson, MD 21204-4603  
Attn: Mr. Michael R. Beichler, C.P.E, Chief

**SITE**

Eastern Sanitary Landfill  
Solid Waste Mgmt. Facility  
6259 Days Cove Road  
White Marsh, MD 21162  
Baltimore County  
AI#10414

**SOURCE DESCRIPTION**

Municipal Solid Waste Landfill.

This source is subject to the conditions described on the attached pages.

Page 1 of 61

Program Manager

Director, Air and Radiation Administration

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

<b>SECTION I</b>	<b>SOURCE IDENTIFICATION .....</b>	<b>4</b>
1.	DESCRIPTION OF FACILITY .....	4
2.	FACILITY INVENTORY LIST .....	5
<b>SECTION II</b>	<b>GENERAL CONDITIONS .....</b>	<b>6</b>
1.	DEFINITIONS .....	6
2.	ACRONYMS .....	6
3.	EFFECTIVE DATE .....	7
4.	PERMIT EXPIRATION .....	7
5.	PERMIT RENEWAL .....	7
6.	CONFIDENTIAL INFORMATION .....	8
7.	PERMIT ACTIONS .....	8
8.	PERMIT AVAILABILITY .....	9
9.	REOPENING THE PART 70 PERMIT FOR CAUSE BY THE EPA .....	9
10.	TRANSFER OF PERMIT .....	9
11.	REVISION OF PART 70 PERMITS – GENERAL CONDITIONS .....	9
12.	SIGNIFICANT PART 70 OPERATING PERMIT MODIFICATIONS .....	10
13.	MINOR PERMIT MODIFICATIONS .....	11
14.	ADMINISTRATIVE PART 70 OPERATING PERMIT AMENDMENTS .....	14
15.	OFF-PERMIT CHANGES TO THIS SOURCE .....	16
16.	ON-PERMIT CHANGES TO SOURCES .....	17
17.	FEE PAYMENT .....	19
18.	REQUIREMENTS FOR PERMITS-TO-CONSTRUCT AND APPROVALS .....	19
19.	CONSOLIDATION OF PROCEDURES FOR PUBLIC PARTICIPATION .....	20
20.	PROPERTY RIGHTS .....	21
21.	SEVERABILITY .....	21
22.	INSPECTION AND ENTRY .....	21
23.	DUTY TO PROVIDE INFORMATION .....	22
24.	COMPLIANCE REQUIREMENTS .....	22
25.	CREDIBLE EVIDENCE .....	23
26.	NEED TO HALT OR REDUCE ACTIVITY NOT A DEFENSE .....	23
27.	CIRCUMVENTION .....	23
28.	PERMIT SHIELD .....	23
29.	ALTERNATE OPERATING SCENARIOS .....	24
<b>SECTION III</b>	<b>PLANT WIDE CONDITIONS .....</b>	<b>25</b>
1.	PARTICULATE MATTER FROM CONSTRUCTION AND DEMOLITION .....	25
2.	OPEN BURNING .....	25
3.	AIR POLLUTION EPISODE .....	25
4.	REPORT OF EXCESS EMISSIONS AND DEVIATIONS .....	25
5.	ACCIDENTAL RELEASE PROVISIONS .....	26
6.	GENERAL TESTING REQUIREMENTS .....	27
7.	EMISSIONS TEST METHODS .....	27
8.	EMISSIONS CERTIFICATION REPORT .....	28
9.	COMPLIANCE CERTIFICATION REPORT .....	29
10.	CERTIFICATION BY RESPONSIBLE OFFICIAL .....	30
11.	SAMPLING AND EMISSIONS TESTING RECORD KEEPING .....	30

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

12.	GENERAL RECORDKEEPING .....	31
13.	GENERAL CONFORMITY .....	31
14.	ASBESTOS PROVISIONS .....	31
15.	OZONE DEPLETING REGULATIONS .....	32
16.	ACID RAIN PERMIT .....	32
<b>SECTION IV</b>	<b>PLANT SPECIFIC CONDITIONS.....</b>	<b>33</b>
<b>SECTION V</b>	<b>INSIGNIFICANT ACTIVITIES .....</b>	<b>57</b>
<b>SECTION VI</b>	<b>STATE-ONLY ENFORCEABLE CONDITIONS .....</b>	<b>60</b>

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**SECTION I SOURCE IDENTIFICATION**

**1. DESCRIPTION OF FACILITY**

Eastern Sanitary Landfill Solid Waste Management Facility (ESL) located at 6259 Days Cove Road, White Marsh, Maryland serves Baltimore County. The landfill is owned and operated by Baltimore County Bureau of Solid Waste Management, and currently accepts municipal solid waste (MSW) for burial. No hazardous, liquids, or infectious waste is accepted for burial. The SIC code for the landfill is 4953. Landfill began accepting residential waste in December 1982.

In addition to the disposal of MSW by burial, the facility operates a permitted transfer station, a yard materials processing center, and a residents' drop-off center that allows residents to drop off limited quantities of MSW, recyclable materials, and household wastes, such as used motor oil and used antifreeze. Recyclable materials are sent off for proper management. A staging area has been provided at the facility for freon recovery from appliances. A licensed third party removes the freon prior to the shipping of the appliances off site for recycling. In addition, ESL owns a landfill gas collection system which was installed for odor control and gas migration management purposes. The LFG system is operated by a third party who collects the LFG and directs it to a landfill gas to energy (LFGTE) facility to generate electricity and/or flare destruction. The LFGTE facility is permitted separately from the Eastern Sanitary Landfill. ESL's enclosed flare is presently used as a backup control device to destruct excess LFG that the LFGTE cannot utilize. The main emissions units at the landfill are the landfill itself, an enclosed flare for the burning of collected gas and odor control, haul roads, and a tub grinder engine.

Baltimore County has a contract with a third party [i.e., Eastern Landfill Gas (ELG)] to operate the landfill gas (LFG) well field and landfill gas to energy (LFGTE) facility. The County owns the well field and leases the land on which the facility is located, but the actual facility is owned by the third party.

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**2. FACILITY INVENTORY LIST**

<b>Emissions Unit Number</b>	<b>MDE Registration Number</b>	<b>Emissions Unit Description</b>	<b>Date of Registration</b>
EU-01	9-1035	MSW Landfill.	December 1982
EU-02	N/A	Haul roads/landfill construction.	1981
EU-03	9-1394	One (1) 5,000 gallons Gasoline Storage Tank.	March 2010
EU-05	9-1020N	Enclosed flare for burning landfill gas and rated at 2,500 scfm.	June 1998
EU-06	6-1438	Tub grinder with a 1,050 hp diesel fuel engine.	March 2013
EU-07	9-1556	Candlestick Flare for burning landfill gas and rated at 750 scfm.	December 2017

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**SECTION II GENERAL CONDITIONS**

**1. DEFINITIONS**

**[COMAR 26.11.01.01] and [COMAR 26.11.02.01]**

The words or terms in this Part 70 permit shall have the meanings established under COMAR 26.11.01 and .02 unless otherwise stated in this permit.

**2. ACRONYMS**

ARMA	Air and Radiation Management Administration
BACT	Best Available Control Technology
Btu	British thermal unit
CAA	Clean Air Act
CAM	Compliance Assurance Monitoring
CEM	Continuous Emissions Monitor
CFR	Code of Federal Regulations
CO	Carbon Monoxide
COMAR	Code of Maryland Regulations
EPA	United States Environmental Protection Agency
FR	Federal Register
gr	grains
HAP	Hazardous Air Pollutant
MACT	Maximum Achievable Control Technology
MDE	Maryland Department of the Environment
MVAC	Motor Vehicle Air Conditioner
NESHAPS	National Emission Standards for Hazardous Air Pollutants
NO <sub>x</sub>	Nitrogen Oxides
NSPS	New Source Performance Standards
NSR	New Source Review
OTR	Ozone Transport Region
PM	Particulate Matter
PM10	Particulate Matter with Nominal Aerodynamic Diameter of 10 micrometers or less
ppm	parts per million
ppb	parts per billion
PSD	Prevention of Significant Deterioration
PTC	Permit to construct
PTO	Permit to operate (State)
SIC	Standard Industrial Classification
SO <sub>2</sub>	Sulfur Dioxide

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

TAP	Toxic Air Pollutant
tpy	tons per year
VE	Visible Emissions
VOC	Volatile Organic Compounds

**3. EFFECTIVE DATE**

The effective date of the conditions in this Part 70 permit is the date of permit issuance, unless otherwise stated in the permit.

**4. PERMIT EXPIRATION**

**[COMAR 26.11.03.13B(2)]**

Upon expiration of this permit, the terms of the permit will automatically continue to remain in effect until a new Part 70 permit is issued for this facility provided that the Permittee has submitted a timely and complete application and has paid applicable fees under COMAR 26.11.02.16.

Otherwise, upon expiration of this permit the right of the Permittee to operate this facility is terminated.

**5. PERMIT RENEWAL**

**[COMAR 26.11.03.02B(3)] and [COMAR 26.11.03.02E]**

The Permittee shall submit to the Department a completed application for renewal of this Part 70 permit at least 12 months before the expiration of the permit. Upon submitting a completed application, the Permittee may continue to operate this facility pending final action by the Department on the renewal.

The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall submit such supplementary facts or corrected information no later than 10 days after becoming aware that this occurred. The Permittee shall also provide additional information as necessary to address any requirements that become applicable to the facility after the date a completed application was submitted, but prior to the release of a draft permit. This information shall be submitted to the Department no later than 20 days after a new requirement has been adopted.

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**6. CONFIDENTIAL INFORMATION**

**[COMAR 26.11.02.02G]**

In accordance with the provisions of the State Government Article, Sec. 10-611 et seq., Annotated Code of Maryland, all information submitted in an application shall be considered part of the public record and available for inspection and copying, unless the Permittee claims that the information is confidential when it is submitted to the Department. At the time of the request for inspection or copying, the Department will make a determination with regard to the confidentiality of the information. The Permittee, when requesting confidentiality, shall identify the information in a manner specified by the Department and, when requested by the Department, promptly provide specific reasons supporting the claim of confidentiality. Information submitted to the Department without a request that the information be deemed confidential may be made available to the public. Subject to approval of the Department, the Permittee may provide a summary of confidential information that is suitable for public review. The content of this Part 70 permit is not subject to confidential treatment.

**7. PERMIT ACTIONS**

**[COMAR 26.11.03.06E(3)] and [COMAR 26.11.03.20(A)]**

This Part 70 permit may be revoked or reopened and revised for cause. The filing of an application by the Permittee for a permit revision or renewal; or a notification of termination, planned changes or anticipated noncompliance by the facility, does not stay a term or condition of this permit.

The Department shall reopen and revise, or revoke the Permittee's Part 70 permit under the following circumstances:

- a. Additional requirements of the Clean Air Act become applicable to this facility and the remaining permit term is 3 years or more;
- b. The Department or the EPA determines that this Part 70 permit contains a material mistake, or is based on false or inaccurate information supplied by or on behalf of the Permittee;



**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

- c. The Department or the EPA determines that this Part 70 permit must be revised or revoked to assure compliance with applicable requirements of the Clean Air Act; or
- d. Additional requirements become applicable to an affected source under the Federal Acid Rain Program.

**8. PERMIT AVAILABILITY**

**[COMAR 26.11.02.13G]**

The Permittee shall maintain this Part 70 permit in the vicinity of the facility for which it was issued, unless it is not practical to do so, and make this permit immediately available to officials of the Department upon request.

**9. REOPENING THE PART 70 PERMIT FOR CAUSE BY THE EPA**

**[COMAR 26.11.03.20B]**

The EPA may terminate, modify, or revoke and reissue a permit for cause as prescribed in 40 CFR §70.7(g)

**10. TRANSFER OF PERMIT**

**[COMAR 26.11.02.02E]**

The Permittee shall not transfer this Part 70 permit except as provided in COMAR 26.11.03.15.

**11. REVISION OF PART 70 PERMITS – GENERAL CONDITIONS**

**[COMAR 26.11.03.14] and [COMAR 26.11.03.06A(8)]**

- a. The Permittee shall submit an application to the Department to revise this Part 70 permit when required under COMAR 26.11.03.15 -.17.
- b. When applying for a revision to a Part 70 permit, the Permittee shall comply with the requirements of COMAR 26.11.03.02 and .03 except that the application for a revision need include only information listed that is related to the proposed change to the source and revision to

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

the permit. This information shall be sufficient to evaluate the proposed change and to determine whether it will comply with all applicable requirements of the Clean Air Act.

- c. The Permittee may not change any provision of a compliance plan or schedule in a Part 70 permit as an administrative permit amendment or as a minor permit modification unless the change has been approved by the Department in writing.
- d. A permit revision is not required for a change that is provided for in this permit relating to approved economic incentives, marketable permits, emissions trading, and other similar programs.

**12. SIGNIFICANT PART 70 OPERATING PERMIT MODIFICATIONS**

**[COMAR 26.11.03.17]**

The Permittee may apply to the Department to make a significant modification to its Part 70 Permit as provided in COMAR 26.11.03.17 and in accordance with the following conditions:

- a. A significant modification is a revision to the federally enforceable provisions in the permit that does not qualify as an administrative permit amendment under COMAR 26.11.03.15 or a minor permit modification as defined under COMAR 26.11.03.16.
- b. This permit does not preclude the Permittee from making changes, consistent with the provisions of COMAR 26.11.03, that would make the permit or particular terms and conditions of the permit irrelevant, such as by shutting down or reducing the level of operation of a source or of an emissions unit within the source. Air pollution control equipment shall not be shut down or its level of operation reduced if doing so would violate any term of this permit.
- c. Significant permit modifications are subject to all requirements of COMAR 26.11.03 as they apply to permit issuance and renewal, including the requirements for applications, public participation, and review by affected states and EPA, except:
  - (1) An application need include only information pertaining to the proposed change to the source and modification of this permit, including a description of the change and modification, and any

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

new applicable requirements of the Clean Air Act that will apply if the change occurs;

- (2) Public participation, and review by affected states and EPA, is limited to only the application and those federally enforceable terms and conditions of the Part 70 permit that are affected by the significant permit modification.
- d. As provided in COMAR 26.11.03.15B(5), an administrative permit amendment may be used to make a change that would otherwise require a significant permit modification if procedures for enhanced preconstruction review of the change are followed that satisfy the requirements of 40 CFR 70.7(d)(1)(v).
- e. Before making a change that qualifies as a significant permit modification, the Permittee shall obtain all permits-to-construct and approvals required by COMAR 26.11.02.
- f. The Permittee shall not make a significant permit modification that results in a violation of any applicable requirement of the Clean Air Act.
- g. The permit shield in COMAR 26.11.03.23 applies to a final significant permit modification that has been issued by the Department, to the extent applicable under COMAR 26.11.03.23.

**13. MINOR PERMIT MODIFICATIONS**

**[COMAR 26.11.03.16]**

The Permittee may apply to the Department to make a minor modification to the federally enforceable provisions of this Part 70 permit as provided in COMAR 26.11.03.16 and in accordance with the following conditions:

- a. A minor permit modification is a Part 70 permit revision that:
  - (1) Does not result in a violation of any applicable requirement of the Clean Air Act;
  - (2) Does not significantly revise existing federally enforceable monitoring, including test methods, reporting, record keeping, or compliance certification requirements except by:

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

- (a) Adding new requirements,
  - (b) Eliminating the requirements if they are rendered meaningless because the emissions to which the requirements apply will no longer occur, or
  - (c) Changing from one approved test method for a pollutant and source category to another;
- (3) Does not require or modify a:
- (a) Case-by-case determination of a federally enforceable emissions standard,
  - (b) Source specific determination for temporary sources of ambient impacts, or
  - (c) Visibility or increment analysis;
- (4) Does not seek to establish or modify a federally enforceable permit term or condition for which there is no corresponding underlying applicable requirement of the Clean Air Act, but that the Permittee has assumed to avoid an applicable requirement to which the source would otherwise be subject, including:
- (a) A federally enforceable emissions standard applied to the source pursuant to COMAR 26.11.02.03 to avoid classification as a Title I modification; and
  - (b) An alternative emissions standard applied to an emissions unit pursuant to regulations promulgated under Section 112(i)(5) of the Clean Air Act
- (5) Is not a Title I modification; and
- (6) Is not required under COMAR 26.11.03.17 to be processed as a significant modification to this Part 70 permit.
- b. Application for a Minor Permit Modification

The Permittee shall submit to the Department an application for a minor permit modification that satisfies the requirements of COMAR 26.11.03.03 which includes the following:

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

- (1) A description of the proposed change, the emissions resulting from the change, and any new applicable requirements that will apply if the change is made;
  - (2) The proposed minor permit modification;
  - (3) Certification by a responsible official, in accordance with COMAR 26.11.02.02F, that:
    - (a) The proposed change meets the criteria for a minor permit modification, and
    - (b) The Permittee has obtained or applied for all required permits-to-construct required by COMAR 26.11.03.16 with respect to the proposed change;
  - (4) Completed forms for the Department to use to notify the EPA and affected states, as required by COMAR 26.11.03.07-.12.
- c. Permittee's Ability to Make Change
- (1) For changes proposed as minor permit modifications to this permit that will require the applicant to obtain a permit to construct, the permit to construct must be issued prior to the new change.
  - (2) During the period of time after the Permittee applies for a minor modification but before the Department acts in accordance with COMAR 26.11.03.16F(2):
    - (a) The Permittee shall comply with applicable requirements of the Clean Air Act related to the change and the permit terms and conditions described in the application for the minor modification.
    - (b) The Permittee is not required to comply with the terms and conditions in the permit it seeks to modify. If the Permittee fails to comply with the terms and conditions in the application during this time, the terms and conditions of both this permit and the application for modification may be enforced against it.

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

- d. The Permittee is subject to enforcement action if it is determined at any time that a change made under COMAR 26.11.03.16 is not within the scope of this regulation.
- e. Minor permit modification procedures may be used for Part 70 permit modifications involving the use of economic incentives, marketable permits, emissions trading, and other similar approaches, but only to the extent that the minor permit modification procedures are explicitly provided for in regulations approved by the EPA as part of the Maryland SIP or in other applicable requirements of the Clean Air Act.

**14. ADMINISTRATIVE PART 70 OPERATING PERMIT AMENDMENTS**

**[COMAR 26.11.03.15]**

The Permittee may apply to the department to make an administrative permit amendment as provided in COMAR 26.11.03.15 and in accordance with the following conditions:

- a. An application for an administrative permit amendment shall:
  - (1) Be in writing;
  - (2) Include a statement certified by a responsible official that the proposed amendment meets the criteria in COMAR 26.11.03.15 for an administrative permit amendment, and
  - (3) Identify those provisions of this part 70 permit for which the amendment is requested, including the basis for the request.
- b. An administrative permit amendment:
  - (1) Is a correction of a typographical error;
  - (2) Identifies a change in the name, address, or phone number of a person identified in this permit, or a similar administrative change involving the Permittee or other matters which are not directly related to the control of air pollution;
  - (3) requires more frequent monitoring or reporting by the Permittee;

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

- (4) Allows for a change in ownership or operational control of a source for which the Department determines that no other revision to the permit is necessary and is documented as per COMAR 26.11.03.15B(4);
  - (5) Incorporates into this permit the requirements from preconstruction review permits or approvals issued by the Department in accordance with COMAR 26.11.03.15B(5), but only if it satisfies 40 CFR 70.7(d)(1)(v);
  - (6) Incorporates any other type of change, as approved by the EPA, which is similar to those in COMAR 26.11.03.15B(1)—(4);
  - (7) Notwithstanding COMAR 26.11.03.15B(1)—(6), all modifications to acid rain control provisions included in this Part 70 permit are governed by applicable requirements promulgated under Title IV of the Clean Air Act; or
  - (8) Incorporates any change to a term or condition specified as State-only enforceable, if the Permittee has obtained all necessary permits-to-construct and approvals that apply to the change.
- c. The Permittee may make the change addressed in the application for an administrative amendment upon receipt by the Department of the application, if all permits-to-construct or approvals otherwise required by COMAR 26.11.02 prior to making the change have first been obtained from the Department.
  - d. The permit shield in COMAR 26.11.03.23 applies to administrative permit amendments made under Section B(5) of COMAR 26.11.03.15 , but only after the Department takes final action to revise the permit.
  - e. The Permittee is subject to enforcement action if it is determined at any time that a change made under COMAR 26.11.03.15 is not within the scope of this regulation.

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**15. OFF-PERMIT CHANGES TO THIS SOURCE**

**[COMAR 26.11.03.19]**

The Permittee may make off-permit changes to this facility as provided in COMAR 26.11.03.19 and in accordance with the following conditions:

- a. The Permittee may make a change to this permitted facility that is not addressed or prohibited by the federally enforceable conditions of this Part 70 permit without obtaining a Part 70 permit revision if:
  - (1) The Permittee has obtained all permits and approvals required by COMAR 26.11.02 and .03;
  - (2) The change is not subject to any requirements under Title IV of the Clean Air Act;
  - (3) The change is not a Title I modification; and
  - (4) The change does not violate an applicable requirement of the Clean Air Act or a federally enforceable term or condition of the permit.
- b. For a change that qualifies under COMAR 26.11.03.19, the Permittee shall provide contemporaneous written notice to the Department and the EPA, except for a change to an emissions unit or activity that is exempt from the Part 70 permit application, as provided in COMAR 26.11.03.04. This written notice shall describe the change, including the date it was made, any change in emissions, including the pollutants emitted, and any new applicable requirements of the Clean Air Act that apply as a result of the change.
- c. Upon satisfying the requirements of COMAR 26.11.03.19, the Permittee may make the proposed change.
- d. The Permittee shall keep a record describing:
  - (1) Changes made at the facility that result in emissions of a regulated air pollutant subject to an applicable requirement of the Clean Air Act, but not otherwise regulated under this permit; and
  - (2) The emissions resulting from those changes.



**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

- e. Changes that qualify under COMAR 26.11.03.19 are not subject to the requirements for Part 70 revisions.
- f. The Permittee shall include each off-permit change under COMAR 26.11.03.19 in the application for renewal of the part 70 permit.
- g. The permit shield in COMAR 26.11.03.23 does not apply to off-permit changes made under COMAR 26.11.03.19.
- h. The Permittee is subject to enforcement action if it is determined that an off-permit change made under COMAR 26.11.03.19 is not within the scope of this regulation.

**16. ON-PERMIT CHANGES TO SOURCES**

**[COMAR 26.11.03.18]**

The Permittee may make on-permit changes that are allowed under Section 502(b)(10) of the Clean Air Act as provided in COMAR 26.11.03.18 and in accordance with the following conditions:

- a. The Permittee may make a change to this facility without obtaining a revision to this Part 70 permit if:
  - (1) The change is not a Title I modification;
  - (2) The change does not result in emissions in excess of those expressly allowed under the federally enforceable provisions of the Part 70 permit for the permitted facility or for an emissions unit within the facility, whether expressed as a rate of emissions or in terms of total emissions;
  - (3) The Permittee has obtained all permits and approvals required by COMAR 26.11.02 and .03;
  - (4) The change does not violate an applicable requirement of the Clean Air Act;
  - (5) The change does not violate a federally enforceable permit term or condition related to monitoring, including test methods, record keeping, reporting, or compliance certification requirements;

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

- (6) The change does not violate a federally enforceable permit term or condition limiting hours of operation, work practices, fuel usage, raw material usage, or production levels if the term or condition has been established to limit emissions allowable under this permit;
  - (7) If applicable, the change does not modify a federally enforceable provision of a compliance plan or schedule in this Part 70 permit unless the Department has approved the change in writing; and
  - (8) This permit does not expressly prohibit the change under COMAR 26.11.03.18.
- b. The Permittee shall notify the Department and the EPA in writing of a proposed on-permit change under COMAR 26.11.03.18 not later than 7 days before the change is made. The written information shall include the following information:
- (1) A description of the proposed change;
  - (2) The date on which the change is proposed to be made;
  - (3) Any change in emissions resulting from the change, including the pollutants emitted;
  - (4) Any new applicable requirement of the Clean Air Act; and
  - (5) Any permit term or condition that would no longer apply.
- c. The responsible official of this facility shall certify in accordance with COMAR 26.11.02.02F that the proposed change meets the criteria for the use of on-permit changes under COMAR 26.11.03.18.
- d. The Permittee shall attach a copy of each notice required by condition b. above to this Part 70 permit.
- e. On-permit changes that qualify under COMAR 26.11.03.18 are not subject to the requirements for part 70 permit revisions.
- f. Upon satisfying the requirements under COMAR 26.11.03.18, the Permittee may make the proposed change.

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

- g. The permit shield in COMAR 26.11.03.23 does not apply to on-permit changes under COMAR 26.11.03.18.
- h. The Permittee is subject to enforcement action if it is determined that an on-permit change made under COMAR 26.11.03.18 is not within the scope of the regulation or violates any requirement of the State air pollution control law.

**17. FEE PAYMENT**

**[COMAR 26.11.02.16A(2) & (5)(b)]**

- a. The fee for this Part 70 permit is as prescribed in Regulation .19 of COMAR 26.11.02.
- b. The fee is due on and shall be paid on or before each 12-month anniversary date of the permit.
- c. Failure to pay the annual permit fee constitutes cause for revocation of the permit by the Department.

**18. REQUIREMENTS FOR PERMITS-TO-CONSTRUCT AND APPROVALS**

**[COMAR 26.11.02.09.]**

The Permittee may not construct or modify or cause to be constructed or modified any of the following sources without first obtaining, and having in current effect, the specified permits-to-construct and approvals:

- a. New Source Review source, as defined in COMAR 26.11.01.01, approval required, except for generating stations constructed by electric companies;
- b. Prevention of Significant Deterioration source, as defined in COMAR 26.11.01.01, approval required, except for generating stations constructed by electric companies;
- c. New Source Performance Standard source, as defined in COMAR 26.11.01.01, permit to construct required, except for generating stations constructed by electric companies;

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

- d. National Emission Standards for Hazardous Air Pollutants source, as defined in COMAR 26.11.01.01, permit to construct required, except for generating stations constructed by electric companies;
- e. A stationary source of lead that discharges one ton per year or more of lead or lead compounds measured as elemental lead, permit to construct required, except for generating stations constructed by electric companies;
- f. All stationary sources of air pollution, including installations and air pollution control equipment, except as listed in COMAR 26.11.02.10, permit to construct required;
- g. In the event of a conflict between the applicability of (a.— e.) above and an exemption listed in COMAR 26.11.02.10, the provision that requires a permit applies.
- h. Approval of a PSD or NSR source by the Department does not relieve the Permittee obtaining an approval from also obtaining all permits-to-construct required b y (c.— g.) above.

**19. CONSOLIDATION OF PROCEDURES FOR PUBLIC PARTICIPATION**

**[COMAR 26.11.02.11C] and [COMAR 26.11.03.01K]**

The Permittee may request the Department to authorize special procedures for the Permittee to apply simultaneously, to the extent possible, for a permit to construct and a revision to this permit.

These procedures may provide for combined public notices, informational meetings, and public hearings for both permits but shall not adversely affect the rights of a person, including EPA and affected states, to obtain information about the application for a permit, to comment on an application, or to challenge a permit that is issued.

These procedures shall not alter any existing permit procedures or time frames.

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**20. PROPERTY RIGHTS**

**[COMAR 26.11.03.06E(4)]**

This Part 70 permit does not convey any property rights of any sort, or any exclusive privileges.

**21. SEVERABILITY**

**[COMAR 26.11.03.06A(5)]**

If any portion of this Part 70 permit is challenged, or any term or condition deemed unenforceable, the remainder of the requirements of the permit continues to be valid.

**22. INSPECTION AND ENTRY**

**[COMAR 26.11.03.06G(3)]**

The Permittee shall allow employees and authorized representatives of the Department, the EPA, and local environmental health agencies, upon presentation of credentials or other documents as may be required by law, to:

- a. Enter at a reasonable time without delay and without prior notification the Permittee's property where a Part 70 source is located, emissions-related activity is conducted, or records required by this permit are kept;
- b. Have access to and make copies of records required by the permit;
- c. Inspect all emissions units within the facility subject to the permit and all related monitoring systems, air pollution control equipment, and practices or operations regulated or required by the permit; and
- d. Sample or monitor any substances or parameters at or related to the emissions units at the facility for the purpose of determining compliance with the permit.

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**23. DUTY TO PROVIDE INFORMATION**

**[COMAR 26.11.03.06E(5)]**

The Permittee shall furnish to the Department, within a reasonable time specified by the Department, information requested in writing by the Department in order to determine whether the Permittee is in compliance with the federally enforceable conditions of this Part 70 permit, or whether cause exists for revising or revoking the permit. Upon request, the Permittee shall also furnish to the Department records required to be kept under the permit.

For information claimed by the Permittee to be confidential and therefore potentially not discloseable to the public, the Department may require the Permittee to provide a copy of the records directly to the EPA along with a claim of confidentiality.

The Permittee shall also furnish to the Department, within a reasonable time specified by the Department, information or records requested in writing by the Department in order to determine if the Permittee is in compliance with the State-only enforceable conditions of this permit.

**24. COMPLIANCE REQUIREMENTS**

**[COMAR 26.11.03.06E(1)] and [COMAR 26.11.03.06A(11)] and [COMAR 26.11.02.05]**

The Permittee shall comply with the conditions of this Part 70 permit. Noncompliance with the permit constitutes a violation of the Clean Air Act, and/or the Environment Article Title 2 of the Annotated Code of Maryland and may subject the Permittee to:

- a. Enforcement action,
- b. Permit revocation or revision,
- c. Denial of the renewal of a Part 70 permit, or
- d. Any combination of these actions.

The conditions in this Part 70 permit are enforceable by EPA and citizens under the Clean Air Act except for the State-only enforceable conditions.

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

Under Environment Article Section 2-609, Annotated Code of Maryland, the Department may seek immediate injunctive relief against a person who violates this permit in such a manner as to cause a threat to human health or the environment.

**25. CREDIBLE EVIDENCE**

Nothing in this permit shall be interpreted to preclude the use of credible evidence to demonstrate noncompliance with any term of this permit.

**26. NEED TO HALT OR REDUCE ACTIVITY NOT A DEFENSE**

**[COMAR 26.11.03.06E(2)]**

The need to halt or reduce activity in order to comply with the conditions of this permit may not be used as a defense in an enforcement action.

**27. CIRCUMVENTION**

**[COMAR 26.11.01.06]**

The Permittee may not install or use any article, machine, equipment or other contrivance, the use of which, without resulting in a reduction in the total weight of emissions, conceals or dilutes emissions which would otherwise constitute a violation of any applicable air pollution control regulation.

**28. PERMIT SHIELD**

**[COMAR 26.11.03.23]**

A permit shield as described in COMAR 26.11.03.23 shall apply only to terms and conditions in this Part 70 permit that have been specifically identified as covered by the permit shield. Neither this permit nor COMAR 26.11.03.23 alters the following:

- a. The emergency order provisions in Section 303 of the Clean Air Act, including the authority of EPA under that section;

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

- b. The liability of the Permittee for a violation of an applicable requirement of the Clean Air Act before or when this permit is issued or for a violation that continues after issuance;
- c. The requirements of the Acid Rain Program, consistent with Section 408(a) of the Clean Air Act;
- d. The ability of the Department or EPA to obtain information from a source pursuant to Maryland law and Section 114 of the Clean Air Act; or
- e. The authority of the Department to enforce an applicable requirement of the State air pollution control law that is not an applicable requirement of the Clean Air Act.

**29. ALTERNATE OPERATING SCENARIOS**

**[COMAR 26.11.03.06A(9)]**

For all alternate operating scenarios approved by the Department and contained within this permit, the Permittee, while changing from one approved scenario to another, shall contemporaneously record in a log maintained at the facility each scenario under which the emissions unit is operating and the date and time the scenario started and ended.



**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**SECTION III PLANT WIDE CONDITIONS**

**1. PARTICULATE MATTER FROM CONSTRUCTION AND DEMOLITION**

**[COMAR 26.11.06.03D]**

The Permittee shall not cause or permit any building, its appurtenances, or a road to be used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne.

**2. OPEN BURNING**

**[COMAR 26.11.07]**

Except as provided in COMAR 26.11.07.04, the Permittee shall not cause or permit an open fire from June 1 through August 31 of any calendar year. Prior to any open burning, the Permittee shall request and receive approval from the Department.

**3. AIR POLLUTION EPISODE**

**[COMAR 26.11.05.04]**

When requested by the Department, the Permittee shall prepare in writing standby emissions reduction plans, consistent with good industrial practice and safe operating procedures, for reducing emissions creating air pollution during periods of Alert, Warning, and Emergency of an air pollution episode.

**4. REPORT OF EXCESS EMISSIONS AND DEVIATIONS**

**[COMAR 26.11.01.07] and [COMAR 26.11.03.06C(7)]**

The Permittee shall comply with the following conditions for occurrences of excess emissions and deviations from requirements of this permit, including those in Section VI – State-only Enforceable Conditions:

- a. Report any deviation from permit requirements that could endanger human health or the environment, by orally notifying the Department immediately upon discovery of the deviation;

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

- b. Promptly report all occurrences of excess emissions that are expected to last for one hour or longer by orally notifying the Department of the onset and termination of the occurrence;
- c. When requested by the Department the Permittee shall report all deviations from permit conditions, including those attributed to malfunctions as defined in COMAR 26.11.01.07A, within 5 days of the request by submitting a written description of the deviation to the Department. The written report shall include the cause, dates and times of the onset and termination of the deviation, and an account of all actions planned or taken to reduce, eliminate, and prevent recurrence of the deviation;
- d. The Permittee shall submit to the Department semi-annual monitoring reports that confirm that all required monitoring was performed, and that provide accounts of all deviations from permit requirements that occurred during the reporting periods. Reporting periods shall be January 1 through June 30 and July 1 through December 31, and reports shall be submitted within 30 days of the end of each reporting period. Each account of deviation shall include a description of the deviation, the dates and times of onset and termination, identification of the person who observed or discovered the deviation, causes and corrective actions taken, and actions taken to prevent recurrence. If no deviations from permit conditions occurred during a reporting period, the Permittee shall submit a written report that so states.
- e. When requested by the Department, the Permittee shall submit a written report to the Department within 10 days of receiving the request concerning an occurrence of excess emissions. The report shall contain the information required in COMAR 26.11.01.07D(2).

**5. ACCIDENTAL RELEASE PROVISIONS**

**[COMAR 26.11.03.03B(23)] and [40 CFR 68]**

**[1].** The Permittee shall submit risk management plans by the date specified in 40 CFR 68.150.

The Permittee shall certify compliance with the requirements of 40 CFR 68 as part of the annual compliance certification as required by 40 CFR 70.

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

or

[2]. Should the Permittee become subject to 40 CFR 68 during the term of this permit, the Permittee shall submit risk management plans by the date specified in 40 CFR 68.150 and shall certify compliance with the requirements of 40 CFR 68 as part of the annual compliance certification as required by 40 CFR 70.

The Permittee shall initiate a permit revision or reopening according to the procedures of 40 CFR 70.7 to incorporate appropriate permit conditions into the Permittee's Part 70 permit.

**6. GENERAL TESTING REQUIREMENTS**

**[COMAR 26.11.01.04]**

The Department may require the Permittee to conduct, or have conducted, testing to determine compliance with this Part 70 permit. The Department, at its option, may witness or conduct these tests. This testing shall be done at a reasonable time, and all information gathered during a testing operation shall be provided to the Department.

**7. EMISSIONS TEST METHODS**

**[COMAR 26.11.01.04]**

Compliance with the emissions standards and limitations in this Part 70 permit shall be determined by the test methods designated and described below or other test methods submitted to and approved by the Department.

Reference documents of the test methods approved by the Department include the following:

- a. 40 CFR 60, appendix A
- b. 40 CFR 51, appendix M
- c. The Department's Technical Memorandum 91-01 "Test Methods and Equipment Specifications for Stationary Sources", (January 1991), as amended through Supplement 3, (October 1, 1997)

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**8. EMISSIONS CERTIFICATION REPORT**

**[COMAR 26.11.01.05-1] and [COMAR 26.11.02.19C] and  
[COMAR 26.11.02.19D]**

The Permittee shall certify actual annual emissions of regulated pollutants from the facility on a calendar year basis.

- a. The certification shall be on forms obtained from the Department and submitted to the Department not later than April 1 of the year following the year for which the certification is required;
- b. The individual making the certification shall certify that the information is accurate to the individual's best knowledge. The individual shall be:
  - (1) Familiar with each source for which the certifications forms are submitted, and
  - (2) Responsible for the accuracy of the emissions information;
- c. The Permittee shall maintain records necessary to support the emissions certification including the following information if applicable:
  - (1) The total amount of actual emissions of each regulated pollutant and the total of all regulated pollutants;
  - (2) An explanation of the methods used to quantify the emissions and the operating schedules and production data that were used to determine emissions, including significant assumptions made;
  - (3) Amounts, types and analyses of all fuels used;
  - (4) Emissions data from continuous emissions monitors that are required by this permit, including monitor calibration and malfunction information;
  - (5) Identification, description, and use records of all air pollution control equipment and compliance monitoring equipment including:

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

- (a) Significant maintenance performed,
  - (b) Malfunctions and downtime, and
  - (c) Episodes of reduced efficiency of all equipment;
- (6) Limitations on source operation or any work practice standards that significantly affect emissions; and
- (7) Other relevant information as required by the Department.

**9. COMPLIANCE CERTIFICATION REPORT**

**[COMAR 26.11.03.06G(6) and (7)]**

The Permittee shall submit to the Department and EPA Region III a report certifying compliance with each term of this Part 70 permit including each applicable standard, emissions limitation, and work practice for the previous calendar year by April 1 of each year.

- a. The compliance certification shall include:
  - (1) The identification of each term or condition of this permit which is the basis of the certification;
  - (2) The compliance status;
  - (3) Whether the compliance was continuous or intermittent;
  - (4) The methods used for determining the compliance status of each source, currently and over the reporting period; and
  - (5) Any other information required to be reported to the Department that is necessary to determine the compliance status of the Permittee with this permit.
- b. The Permittee shall submit the compliance certification reports to the Department and EPA simultaneously.

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**10. CERTIFICATION BY RESPONSIBLE OFFICIAL**

**[COMAR 26.11.02.02F]**

All application forms, reports, and compliance certifications submitted pursuant to this permit shall be certified by a responsible official as to truth, accuracy, and completeness. The Permittee shall expeditiously notify the Department of an appointment of a new responsible official.

The certification shall be in the following form:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

**11. SAMPLING AND EMISSIONS TESTING RECORDKEEPING**

**[COMAR 26.11.03.06C(5)]**

The Permittee shall gather and retain the following information when sampling and testing for compliance demonstrations:

- a. The location as specified in this permit, and the date and time that samples and measurements are taken;
- b. All pertinent operating conditions existing at the time that samples and measurements are taken;
- c. The date that each analysis of a sample or emissions test is performed and the name of the person taking the sample or performing the emissions test;
- d. The identity of the Permittee, individual, or other entity that performed the analysis;
- e. The analytical techniques and methods used; and
- f. The results of each analysis.

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**12. GENERAL RECORDKEEPING**

**[COMAR 26.11.03.06C(6)]**

The Permittee shall retain records of all monitoring data and information that support the compliance certification for a period of five (5) years from the date that the monitoring, sample measurement, application, report or emissions test was completed or submitted to the Department.

These records and support information shall include:

- a. All calibration and maintenance records;
- b. All original data collected from continuous monitoring instrumentation;
- c. Records which support the annual emissions certification; and
- d. Copies of all reports required by this permit.

**13. GENERAL CONFORMITY**

**[COMAR 26.11.26.09]**

The Permittee shall comply with the general conformity requirements of 40 CFR 93, Subpart B and COMAR 26.11.26.09.

**14. ASBESTOS PROVISIONS**

**[40 CFR 61, Subpart M]**

The Permittee shall comply with 40 CFR 61, Subpart M when conducting any renovation or demolition activities at the facility.

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**15. OZONE DEPLETING REGULATIONS**

**[40 CFR 82, Subpart F]**

The Permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for MVACs in subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal shall comply with the prohibitions and required practices pursuant to 40 CFR 82.154 and 82.156.
- b. Equipment used during the maintenance, service, repair or disposal of appliances shall comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- c. Persons performing maintenance, service, repairs or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
- d. Persons performing maintenance, service, repairs or disposal of appliances shall certify with the Administrator pursuant to 40 CFR 82.162.
- e. Persons disposing of small appliances, MVACS, and MVAC-like appliances as defined in 40 CFR 82.152, shall comply with record keeping requirements pursuant to 40 CFR 82.166.
- f. Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
- g. Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.

**16. ACID RAIN PERMIT**

Not applicable



**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**SECTION IV PLANT SPECIFIC CONDITIONS**

This section provides tables that include the emissions standards, emissions limitations, and work practices applicable to each emissions unit located at this facility. The Permittee shall comply with all applicable emissions standards, emissions limitations and work practices included herein.

The tables also include testing, monitoring, record keeping and reporting requirements specific to each emissions unit. In addition to the requirements included here in **Section IV**, the Permittee is also subject to the general testing, monitoring, record keeping and reporting requirements included in **Section III – Plant Wide Conditions** of this permit.

Unless otherwise provided in the specific requirements for an emissions unit, the Permittee shall maintain at the facility for at least five (5) years, and shall make available to the Department upon request, all records that the Permittee is required under this section to establish. **[Authority: COMAR 26.11.03.06C(5)(g)]**

The ESL is currently subject to the following requirements:

<b>Table IV – 1</b>	
<b>1.0</b>	<b><u>Emissions Unit Number(s) – EU-1</u></b>  Municipal Solid Waste Landfill. <b>[MDE Reg. No. 9-1035]</b>
<b>1.1</b>	<b><u>Applicable Standards/Limits:</u></b>  <b>A. <u>Standards for Air Emissions</u></b> <b>[Reference: 40 CFR 60.752]</b> (1) The Permittee shall ensure that the gas collection and control system satisfies the requirements for an active collection system as provided for in §60.752(b)(2)(ii)(A)(1) through (4). The Permittee shall install the gas collection and control system according to the specifications in §60.759. <b>[Reference: 40 CFR 60.752(b)(2)(ii)(A) and 60.757]</b>  (2) The Permittee shall route all the collected landfill gas to a control system designed and operated to reduce nonmethane organic compounds (NMOC) by 98 weight-percent as provided for in §60.752(b)(2)(iii)(B). <b>[Reference: 40 CFR 60.752(b)(2)(iii) and (iii)(B)]</b>  (3) The Permittee may cap or remove the collection and control system provided that all the conditions of §60.752(b)(2)(v)(A) – (C) are met. The NMOC gas produced by the landfill shall be calculated following

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**Table IV – 1**

the procedures specified in §60.754(b). **[Reference: 40 CFR 60.752(b)(2)(v)]**

(4) When the landfill is closed, the Permittee is no longer subject to the requirement to maintain an operating permit under part 70 for the landfill if the landfill is not otherwise subject to the requirements of part 70 and if either of the conditions in §60.752(b)(1) and (2) are met. **[Reference: 40 CFR 60.752(b)]**

(5) The Permittee shall not cause or allow any material to be handled, transported, or stored; or a building, its appurtenances; or a road to be used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. **[Reference: COMAR 26.11.06.03D(2)]**

**B. Operational Standards**

**[Reference: 40 CFR 60.753]**

(1) The Permittee shall operate the gas collection and control system such that landfill gas is collected from each area, cell, or group of cells in the MSW landfill in which solid waste has been in place for 5 years or more if active; or 2 years or more if closed or at final grade. **[Reference: 40 CFR 60.752(b)(2)(ii)(A)(2) and 60.753(a)]**

(2) The Permittee shall operate the collection system with negative pressure at each wellhead except under the conditions specified in §60.753(b)(1) – (3). **[Reference: 40 CFR 60.753(b)]**

(3) The Permittee shall operate each interior wellhead in the collection system with a landfill gas temperature less than 55° C and with either a nitrogen level less than 20 percent or an oxygen level less than 5 percent. The Permittee may establish a higher operating temperature, nitrogen, or oxygen value at a particular well as provided for in §60.753(c). **[Reference: 40 CFR 60.753(c)]**

(4) The Permittee shall operate the collection system so that the methane concentration is less than 500 parts per million above background at the surface of the landfill. To determine if this level is exceeded, the Permittee shall conduct surface testing around the perimeter of the collection area and along a pattern that traverses the landfill as provided for in §60.753(d). **[Reference: 40 CFR 60.753(d)]**

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**Table IV – 1**

	<p>(5) In the event the collection or control system is inoperable, the Permittee shall shut down the gas mover system and shall close, within one hour, all valves in the collection and control system contributing to venting of the gas to the atmosphere. <b>[Reference: 40 CFR 60.753(e)]</b></p> <p>(6) The Permittee shall operate the control or treatment system at all times when the collected gas is routed to the system. <b>[Reference: 40 CFR 60.753(f)]</b></p> <p>(7) The Permittee shall take corrective action as specified in §60.755(a)(3) through (5) or §60.755(c) of 40 CFR 60, Subpart WWW if monitoring demonstrates that the operational requirements in §60.753(b), (c), or (d) are not met. If corrective actions are taken as specified in §60.755, the monitored exceedance is not a violation of the operational requirements in §60.753. <b>[Reference: 40 CFR 60.753(g)]</b></p> <p>(8) The Permittee shall take reasonable precautions, including the application of water on unpaved roads and other surfaces, to prevent particulate matter from becoming airborne. <b>[Reference: COMAR 26.11.06.03D(2)]</b></p> <p><b>C. <u>Other Requirements</u></b> The provisions of 40 CFR 60, Subpart WWW apply at all times, except during periods of start-up, shutdown, or malfunction, provided that the duration of start-up, shutdown, or malfunction shall not exceed 5 days for collection systems and shall not exceed one (1) hour for treatment or control devices. <b>[Reference: 40 CFR 60.755(e)]</b></p>
<p><b>1.2</b></p>	<p><b><u>Testing Requirements:</u></b></p> <p><b>A. <u>Standards for Air Emissions</u></b> <b>[Reference: 40 CFR 60.754 and 755]</b></p> <p>(1) The Permittee shall use the methods specified in §60.755(a)(1) through (a)(6) to determine whether the gas collection system is in compliance with the requirements for an active collection system in §60.752(b)(ii)(A). <b>[Reference: 40 CFR 60.755(a)]</b></p> <p>(2) See Monitoring Requirements</p> <p>(3) The Permittee shall follow the procedures in §60.754(b) to calculate the NMOC gas produced by the landfill to determine if the collection and control system may be capped or removed as provided in §60.752(b)(2)(v). <b>[Reference: 40 CFR 60.754(b)]</b></p>

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**Table IV – 1**

	<p>(4) See Monitoring Requirements</p> <p>(5) See Monitoring Requirements</p> <p><b>B. <u>Operational Standards</u></b></p> <p>(1) See Monitoring Requirements</p> <p>(2) See Monitoring Requirements</p> <p>(3) The nitrogen level shall be determined as prescribed in §60.753(c)(1) and the oxygen level shall be determined as prescribed in §60.753(c)(2). <b>[Reference: 40 CFR 60.753(c)(1) and (2)]</b></p> <p>(4) through (8) See Monitoring Requirements</p> <p><b>C. <u>Other Requirements</u></b> See Record Keeping and Reporting Requirements in Section 1.4 and 1.5.</p>
<b>1.3</b>	<p><b><u>Monitoring Requirements:</u></b></p> <p><b>A. <u>Standards for Air Emissions</u></b> <b>[Reference: 40 CFR 60.756]</b></p> <p>(1) The monitoring requirements to ensure compliance with this air emission standard are addressed as part of the monitoring requirements listed below for Section B, Item (2).</p> <p>(2) through (5) See record keeping and reporting requirements.</p> <p><b>B. <u>Operational Standards</u></b></p> <p>(1) See record keeping and reporting requirements.</p> <p>(2) The Permittee shall install a sampling port at each wellhead. <b>[Reference: 40 CFR 60.756(a)]</b>. The Permittee shall measure the gauge pressure in the gas collection header on a monthly basis as provided in §60.755(a)(3). <b>[Reference: 40 CFR 60.756(a)(1)]</b></p> <p>(a) If a positive pressure exists, the Permittee shall initiate corrective action within 5 days, except for the conditions allowed under §60.753(b). <b>[Reference: 40 CFR 60.755(a)(3)]</b></p> <p>(b) If negative pressure cannot be achieved without excess air infiltration into the landfill within 15 days of the first measurement of a</p>

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**Table IV – 1**

positive pressure in a wellhead, the Permittee shall expand the gas collection system to correct the exceedance within 120 days of the measurement of the positive pressure. **[Reference: 40 CFR 60.755(a)(3)]**

(3) The Permittee shall:

(a) Install a thermometer, other temperature-measuring device, or an access port for temperature measurements at each wellhead.

**[Reference: 40 CFR 60.756(a)]**

(b) Monitor nitrogen or oxygen concentration in the landfill gas on a monthly basis as provided in §60.755(a)(5). **[Reference: 40 CFR 60.756(a)(2)]**

(c) Monitor temperature of the landfill gas on a monthly basis as provided in §60.755(a)(5). **[Reference: 40 CFR 60.756(a)(3)]**

(d) If a well exceeds the temperature, nitrogen, or oxygen operating parameters specified in §60.753(c), the Permittee shall initiate action to correct the exceedance as provided in §60.755(a)(5). **[Reference: 40 CFR 60.755(a)(5)]**

(4) The Permittee shall use the procedures specified in §60.755(c)(1) through (c)(5) to demonstrate compliance with the surface methane operational standard as provided in §60.753(d) and as detailed in the Updated Surface Monitoring Design Plan. **[Reference: 40 CFR 60.755(c)]**

(a) The Permittee shall comply with the instrumentation specifications and procedures for surface emission monitoring devices as specified in §60.755(d) and monitor surface concentrations of methane according to the instrument specifications and procedures. **[Reference: 40 CFR 60.755(d)]**

(b) The Permittee shall record as a monitored exceedance any reading of 500 parts per million or more of methane above background at any location and the Permittee shall take the actions specified in §60.755(c)(4)(i) through (v). As long as the specified actions are taken, the exceedance is not a violation of the operational requirements of §60.753(d). **[Reference: 40 CFR 60.755(c)(4)]**

(c) The Permittee shall implement a program to monitor for cover integrity and implement cover repair as necessary on a monthly basis. **[Reference: 40 CFR 60.755(c)(5)]**

(d) When the landfill is closed and it has no monitored exceedances of the 500 ppm operational standard for surface methane concentrations in three consecutive quarterly monitoring periods, the Permittee may convert to an annual monitoring frequency. Any methane reading of 500 ppm or more above background detected during the annual

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**Table IV – 1**

	<p>monitoring returns the frequency for that landfill to quarterly monitoring. <b>[Reference: 40 CFR 60.756(f)]</b></p> <p>(5) through (8) See record keeping and reporting requirements.</p> <p><b>C. <u>Other Requirements</u></b> See Record Keeping and Reporting Requirements in Section 1.4 and 1.5.</p>
<b>1.4</b>	<p><b><u>Record Keeping Requirements:</u></b></p> <p><b>A. <u>Standards for Air Emissions</u></b> (1) Except as provided for in §60.752(b)(2)(i)(B): (a) The Permittee shall keep for the life of the collection system an up-to-date, readily accessible plot map showing each existing and planned collector in the system and providing a unique identification location for each collector as specified in §60.758(d)(1) and (2). <b>[Reference: 40 CFR 60.758(d)]</b> (b) The Permittee shall keep up-to-date, readily accessible records for the life of the control equipment of the data listed in §60.758(b)(1) as measured during the initial performance test. Records of subsequent tests or monitoring shall be maintained for a minimum of 5 years.</p> <p>(2) through (5) reporting requirements.</p> <p><b>B. <u>Operational Standards</u></b> (1) See reporting requirements.</p> <p>(2) through (4) Except as provided for in §60.752(b)(2)(i)(B), the Permittee shall keep for five years up-to-date, readily accessible monthly records of the gauge pressure in the gas collection system nitrogen or oxygen concentrations in the landfill gas, and temperature of the landfill gas as specified to be monitored in §60.756(a). In a similar manner, the Permittee will keep records of the surface methane concentrations monitored as specified in §60.756(f). <b>[Reference: 40 CFR 60.758(c)]</b> (2) The Permittee shall record instances when positive pressure occurs in efforts to avoid a fire. These records shall be submitted with the annual report as provided in §60.757(f)(1). <b>[Reference: 40 CFR 60.753(b)(1)]</b></p> <p>(5) &amp; (6) See record keeping and reporting requirements.</p>

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**Table IV – 1**

	<p>(7) Except as provided for in §60.752(b)(2)(i)(B), the Permittee shall keep for at least 5 years up-to-date, readily accessible records of all collection and control system exceedances of the operational standards in §60.753 for wellhead pressure, landfill gas temperature, and nitrogen or oxygen concentrations of the landfill gas as specified in §60.758(e). <b>[Reference: 40 CFR 60.758(e)]</b></p> <p>(8) See reporting requirements.</p> <p><b>C. Other Requirements</b></p> <p>(1) Except as provided in §60.752(b)(2)(i)(B), the Permittee shall keep for at least 5 years up-to-date, readily accessible, on-site records of the design capacity report which triggered §60.752(b), the current amount of solid waste in-place, and the year-by-year waste acceptance rate. Off-site records may be maintained if they are retrievable within 4 hours. Either paper copy or electronic formats are acceptable. <b>[Reference: 40CFR 60.758(a)]</b></p> <p>(2) Except as provided in §60.752(b)(2)(i)(B), the Permittee shall keep for 5 years up-to-date, readily accessible records for periods of operation during which the parameter boundaries established during the most recent performance test are exceeded. <b>[Reference: 40 CFR 60.758(c)]</b></p> <p>(3) The Permittee shall keep up-to-date, readily accessible continuous records of the indication of flow to the control device or the indication of bypass flow or records of monthly inspections of car-seals or lock-and-key configurations used to seal bypass lines, specified under §60.756. <b>[Reference: 40 CFR 60.758(c)(2)]</b></p>
<b>1.5</b>	<p><b><u>Reporting Requirements:</u></b></p> <p><b>A. Standards for Air Emissions</b></p> <p>(1) &amp; (2) See record keeping requirements.</p> <p>(3) The Permittee shall submit an equipment removal report to the Administrator 30 days prior to removal or cessation of operation of the control equipment as required in §60.757(e)(1) through (2). <b>[Reference: 40 CFR 60.757(e)]</b></p> <p>(4) The Permittee shall submit a closure report to the Administrator within 30 days of waste acceptance cessation as required in §60.757(d). If a closure report has been submitted to the Administrator, no additional wastes may be placed into the landfill without the Permittee filing a notification of modification as described in §60.7(a)(4).</p>

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

<b>Table IV – 1</b>	
	<p><b>[Reference: 40 CFR 60.757(d)]</b> (5) See record keeping requirements.</p> <p><b>B. <u>Operational Standards</u></b> (1) through (6) The Permittee shall submit to the Administrator annual reports of the recorded information in §60.757(f)(1) through (6). The reportable exceedances for the enclosed flare are defined under §60.758(c). <b>[Reference: 40 CFR 60.757(f)]</b></p> <p>(7) &amp; (8) See record keeping requirements.</p> <p><b>C. <u>Other Requirements</u></b> The Permittee shall submit an annual NMOC emission rate report to the Administrator. The report is due on the anniversary of the Permittee's initial submittal of the NMOC report as required in 40 CFR 60.757(b). <b>[Reference: 40 CFR 60.757(b)]</b></p> <p><u>Exception:</u> The Permittee is exempted from the requirements of 40 CFR 60.757(b)(1) and (2), after the installation of a landfill gas collection and control system in compliance with §60.752(b)(2), during such time as the collection and control system is in operation and in compliance with §§60.753 and 60.755. <b>[Reference: 40 CFR 60.757(b)(3)]</b></p>

<b>Table IV – 1a</b>	
<b>1a.0</b>	<p><b><u>Emissions Unit Number(s) – EU-1 Cont'd</u></b></p> <p>Municipal Solid Waste Landfill. <b>[MDE Reg. No. 9-1035]</b></p>
<b>1a.1</b>	<p><b><u>Applicable Standards/Limits:</u></b></p> <p>Subpart AAAA – National Emission Standard for Hazardous Air Pollutants: Municipal Solid Waste Landfills.</p> <p><b><u>Applicability</u></b> "You are subject to this subpart if you own or operate a MSW landfill that has accepted since November 8, 1987 or has additional capacity for waste disposition and meets any one of the three criteria in paragraphs (a)(1) through (3) of this section: (3) Your MSW landfill is an area source</p>



**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**Table IV – 1a**

	<p>landfill that has a design capacity equal to or greater than 2.5 million megagrams (Mg) and 2.5 million cubic meters (m<sup>3</sup>) and has estimated uncontrolled emissions equal to or greater than 50 megagrams per year (Mg/yr) NMOC as calculated according to §60.754(a) of the MSW landfills new source performance standards in 40 CFR part 60, subpart WWW, the Federal plan, or an EPA approved and effective State or tribal plan that applies to your landfill.” <b>[Reference: 40 CFR §63.1935(a)(3)]</b></p> <p>“If your landfill is an existing affected source and is an area source meeting the criteria in §63.1935(a)(3), you must comply with the requirements in §§63.1955(b) and 63.1960 through 63.1980 by the date your landfill is required to install a collection and control system by 40 CFR 60.752(b)(2) of subpart WWW, the Federal plan, or EPA approved and effective State or tribal plan that applies to your landfill or by January 16, 2004, whichever occurs later.” <b>[Reference: 40 CFR §63.1945(f)]</b></p> <p><b><u>Standards</u></b></p> <p>“If you are required by 40 CFR 60.752(b)(2) of subpart WWW, the Federal plan, or an EPA approved and effective State or tribal plan to install a collection and control system, you must comply with the requirements in §§63.1960 through 63.1985 and with the general provisions of this part specified in table 1 of this subpart.” <b>[Reference: 40 CFR §63.1955(b)]</b></p> <p><b><u>General and Continuing Compliance Requirements</u></b></p> <p>“Compliance is determined in the same way it is determined for 40 CFR Part 60, subpart WWW, including performance testing, monitoring of the collection system, continuous parameter monitoring, and other credible evidence. In addition, continuous parameter monitoring data, collected under 40 CFR 60.756(b)(1), (c)(1), and (d) of subpart WWW, are used to demonstrate compliance with the operating conditions for control systems. If a deviation occurs, you have failed to meet the control device operating conditions described in this subpart and have deviated from the requirements of this subpart. Finally, you must develop and implement a written SSM plan according to the provisions in 40 CFR 63.6(e)(3). A copy of the SSM plan must be maintained on site. Failure to write, implement, or maintain a copy of the SSM plan is a deviation from the requirements of this subpart.” <b>[Reference: 40 CFR §63.1960]</b></p>
1a.2	<p><b><u>Testing Requirements:</u></b></p> <p>See General and Continuing Compliance Requirements</p>

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

<b>Table IV – 1a</b>	
<b>1a.3</b>	<p><b><u>Monitoring Requirements:</u></b></p> <p>See General and Continuing Compliance Requirements</p>
<b>1a.4</b>	<p><b><u>Record Keeping Requirements:</u></b></p> <p>“Keep records and reports as specified in 40 CFR Part 60, Subpart WWW, or in the Federal plan, EPA approved State plan or tribal plan that implements 40 CFR Part 60, Subpart Cc, whichever applies to your landfill, with one exception: You must submit the annual report described in 40 CFR 60.757(f) every 6 months.” <b>[Reference: 40 CFR §63.1980(a)]</b></p> <p>“You must also keep records and reports as specified in the general provisions of 40 CFR Part 60 and this part as shown in Table 1 of this subpart. Applicable records in the general provisions include items such as SSM plans and the SSM plan reports.” <b>[Reference: 40 CFR §63.1980(b)]</b></p>
<b>1a.5</b>	<p><b><u>Reporting Requirements:</u></b></p> <p>See General and Continuing Compliance Requirements</p>

<b>Table IV – 2</b>	
<b>2.0</b>	<p><b><u>Emissions Unit Number(s) – EU-02</u></b></p> <p>Haul Roads/Landfill Construction</p>
<b>2.1</b>	<p><b><u>Applicable Standards/Limits:</u></b></p> <p><b>A. <u>Control of Particulate Matter Emissions</u></b> <b>[COMAR 26.11.06.03C(1)] – Particulate Matter from Unconfined Sources</b></p> <p>“A person may not cause or permit emissions from an unconfined source without taking reasonable precautions to prevent particulate matter from becoming airborne.”</p> <p><b>B. <u>Control of Particulate Matter</u> – [COMAR 26.11.06.03D]</b> The Permittee shall not cause or permit any materials to be handled, transported, or stored, or a building, its appurtenances, or a road to be used, constructed, altered, repaired, or demolished without taking</p>

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

<b>Table IV – 2</b>	
	reasonable precautions to prevent particulate matter from becoming airborne.
<b>2.2</b>	<p><b><u>Testing Requirements:</u></b></p> <p><b>A. <u>Control of Particulate Matter Emissions</u></b>  <b>[COMAR 26.11.06.03C(1)] – Particulate Matter from Unconfined Sources</b>  The Permittee shall follow the Monitoring procedures in Section 2.3.A.</p> <p><b>B. <u>Particulate Matter from Materials Handling and Construction</u></b>  The Permittee shall follow the Monitoring procedures in Section 2.3.B.</p>
<b>2.3</b>	<p><b><u>Monitoring Requirements:</u></b></p> <p><b>A. <u>Control of Particulate Matter Emissions</u></b>  The Permittee shall comply with and update as needed the best management plan that describes the procedures and methods that will be used to take reasonable precautions.  The Permittee shall perform a walk through inspection of the facility to observe each emissions unit to verify that reasonable precautions are being implemented and to determine whether the reasonable precautions need to be revised. The inspection shall be conducted at a minimum of once per month at times when the effectiveness of the reasonable precautions can be assessed. <b>[Reference: COMAR 26.11.03.06C]</b></p> <p><b>B. <u>Particulate Matter from Materials Handling and Construction</u></b>  The Permittee shall prepare and update, as needed a best management practices plan that describes the procedures and methods that will be used to take reasonable precautions.   The Permittee shall perform an inspection at minimum once a month to verify that best management practices are being implemented and that the precautions are sufficient to control particulate matter emissions. <b>[Reference: COMAR 26.11.03.06]</b></p>
<b>2.4</b>	<p><b><u>Record Keeping Requirements:</u></b></p> <p><b>A. <u>Control of Particulate Matter Emissions</u></b>  The Permittee shall maintain the best management plan and records of the dates and inspection results for at least five (5) years and make them available to the Department upon request. <b>[Reference: COMAR 26.11.03.06C]</b></p>

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

<b>Table IV – 2</b>	
	<p><b>B. <u>Particulate Matter from Materials Handling and Construction</u></b> The Permittee shall maintain the plan and records of the dates and results of inspections for at least five (5) years and make them available to the Department upon request. <b>[Reference: COMAR 26.11.03.06C].</b></p>
<b>2.5</b>	<p><b><u>Reporting Requirements:</u></b></p> <p><b>A. <u>Control of Particulate Matter Emissions</u></b> The Permittee shall maintain the best management plan and records of the dates and inspection results for at least five (5) years and make them available to the Department upon request. <b>[Reference: COMAR 26.11.03.06C]</b></p> <p><b>B. <u>Particulate Matter from Materials Handling and Construction</u></b> The Permittee shall report incidents of visible emissions in accordance with Permit Condition 4, Section III, "Report of Excess Emissions and Deviations."</p>

<b>Table IV – 5</b>	
<b>3.0</b>	<p><b><u>Emissions Unit Number(s) – EU-03</u></b></p> <p>MDE Reg. No. 9-1394</p> <p>One (1) 5,000 gallons Gasoline Storage Tank, (permit issued March 23, 2010).</p>
<b>3.1</b>	<p><b><u>Applicable Standards/Limits:</u></b></p> <p><b><u>Control of VOCs</u></b></p> <p><b>[COMAR 26.11.13.04C] – Small Storage Tanks.</b></p> <p>(1) "<b>Applicability.</b> This section applies to a person who owns or operates:</p> <ul style="list-style-type: none"> <li>(a) A gasoline storage tank that has a tank capacity greater than 2,000 gallons but less than 40,000 gallons; or</li> <li>(b) A gasoline tank truck used to transfer gasoline into a storage tank that is listed in Sec. C(1)(a) of this regulation.</li> </ul>

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**Table IV – 5**

	<p>(2) <b>Stage I Vapor Recovery.</b> An owner or operator of a gasoline tank truck or an owner or operator of a stationary storage tank subject to this regulation may not cause or permit gasoline to be loaded into a stationary tank unless the loading system is equipped with a vapor balance line that is properly installed, maintained and used.”</p> <p><b>[COMAR 26.11.13.04D] – General Standards.</b></p> <p>“A person may not cause or permit a gasoline or VOC having a TVP of 1.5 psia (10.3 kilonewtons/square meter) or greater to be loaded into any truck, railroad tank car, or other contrivance unless the:</p> <p>(1) Loading connections on the vapor lines are equipped with fittings that have no leaks and that automatically and immediately close upon disconnection to prevent release of gasoline or VOC from these fittings; and</p> <p>(2) Equipment is maintained and operated in a manner to prevent avoidable liquid leaks during loading and unloading operations.”</p>
<p><b>3.2</b></p>	<p><b><u>Testing Requirements:</u></b></p> <p><b><u>Control of VOCs</u></b> The Permittee shall follow the Monitoring procedures in Section 3.3.</p>
<p><b>3.3</b></p>	<p><b><u>Monitoring Requirements:</u></b></p> <p><b><u>Control of VOCs</u></b> The Permittee shall monitor the fuel drop to verify that the Stage 1 vapor balance system is used at least once a month. In addition, at least once a month during a delivery, the Permittee shall monitor a fuel drop for liquid spills and check the hose fittings and connections for leaks and proper operation. <b>[Reference: COMAR 26.11.03.06C]</b></p>
<p><b>3.4</b></p>	<p><b><u>Record Keeping Requirements:</u></b></p> <p><b><u>Control of VOCs</u></b> Control of VOC Emissions: The Permittee shall maintain a record of the monthly inspection results, gasoline loading and unloading operations for liquid leaks and spills, and that the loading connections are leak tight and automatically close. <b>[Reference: COMAR 26.11.03.06C]</b></p>

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

<b>Table IV – 5</b>	
	NOTE: All records must be maintained for a period of 5 years. <b>[Reference: COMAR 26.11.03.06.C (5)(g)]</b>
<b>3.5</b>	<b><u>Reporting Requirements:</u></b>  <b><u>Control of VOCs</u></b> The Permittee shall report incidents of release of volatile organic compounds in accordance with Permit Condition 4, Section III, Plant Wide Condition, "Report of Excess Emissions and Deviations.

<b>Table IV – 4</b>	
<b>4.0</b>	<b><u>Emissions Unit Number(s) – EU-05</u></b>  MDE Reg. No. 9-1020  Enclosed flare for burning landfill gas and rated at 2,500 scfm.
<b>4.1</b>	<b><u>Applicable Standards/Limits:</u></b>  <b>A. <u>Control of Visible Emissions</u></b> <b>[COMAR 26.11.06.02C(2)] – Visible Emission Standards.</b> "In Areas III and IV, a person may not cause or permit the discharge of emissions from any installation or building, other than water in an uncombined form, which is visible to human observers."  <b>[COMAR 26.11.06.02A(2)] – Exception.</b> "The visible emissions standards in C of this regulation do not apply to emissions during start-up and process modification or adjustments, or occasional cleaning of control equipment, if: (a) The visible emissions are not greater than 40 percent opacity; and (b) The visible emissions do not occur for more than 6 consecutive minutes in any 60 minute period."  <b>B. <u>Control of Particulate Matter</u></b> <b>[COMAR 26.11.0603B(2)(a)] – Particulate Matter from Confined Sources.</b> "A person may not cause or permit to be discharged into the outdoor atmosphere from any other installation, particulate matter in excess of 0.03 gr/SCFD (68.7 mg/dscm)."

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

<b>Table IV – 4</b>	
	<p><b>Particulate Matter from Materials Handling and Construction [COMAR 26.11.06.03D]</b> – “A person may not cause or permit any material to be handled, transported, or stored, or a building, its appurtenances, or a road to be used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne.”</p> <p><b>C. <u>Operational Limit</u></b> The Permittee shall operate and maintain the flare system in accordance with the manufacturer’s recommendations. <b>[Reference: MDE PTC No. 005-2075-9-1020].</b></p>
<b>4.2</b>	<p><b><u>Testing Requirements:</u></b></p> <p><b>A. <u>Control of Visible Emissions</u></b> The Permittee shall follow the Monitoring procedures in Section 4.3.A.</p> <p><b>B. <u>Control of Particulate Matter</u></b> The Permittee shall follow the Monitoring procedures in Section 4.3.B.</p> <p><b>C. <u>Operational Limit</u></b> The Permittee shall follow the Monitoring procedures in Section 4.3.C.</p>
<b>4.3</b>	<p><b><u>Monitoring Requirements:</u></b></p> <p><b>A. <u>Control of Visible Emissions</u></b> Permittee shall properly operate and maintain the flare in a manner to minimize visible emissions. <b>[Reference: COMAR 26.11.03.06C]</b></p> <p><b>B. <u>Control of Particulate Matter</u></b> The Permittee shall perform preventive maintenance once per month or as recommended by the equipment manufacturer on the flare. <b>[Reference: COMAR 26.11.03.06C]</b></p> <p><b>C. <u>Operational Limit</u></b> The Permittee shall continuously monitor the landfill gas flow rate and the flare combustion temperature. <b>[Reference: COMAR 26.11.03.06C]</b> The Permittee shall conduct regular monitoring at least once a week of the blower and flare system to ensure proper operation of the landfill gas extraction system. <b>[Reference: COMAR 26.11.03.06C].</b></p>

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**Table IV – 4**

<b>4.4</b>	<p><b><u>Record Keeping Requirements:</u></b></p> <p><b>A. <u>Control of Visible Emissions</u></b> The Permittee shall retain records of preventive maintenance on site for at least five years and make these records available to the Department upon request. <b>[Reference: COMAR 26.11.03.06C]</b></p> <p><b>B. <u>Control of Particulate Matter</u></b> The Permittee shall maintain a log of the maintenance performed on the flare and make the logs available to the Department upon request. <b>[Reference: COMAR 26.11.03.06C]</b></p> <p><b>C. <u>Operational Limit</u></b> The Permittee shall keep the records required above on site for at least five years and shall make such records available to Department upon request. <b>[Reference: COMAR 26.11.03.06C]</b></p>
<b>4.5</b>	<p><b><u>Reporting Requirements:</u></b></p> <p><b>A. <u>Control of Visible Emissions</u></b> The Permittee shall report incidents of visible emissions in accordance with Permit Condition 4, Section III, Plant Wide Condition, "Report of Excess Emissions and Deviations.</p> <p><b>B. <u>Control of Particulate Matter</u></b> The Permittee shall report excess of particulate matter emissions released to the environment as part of the annual emission certification.</p> <p><b>C. <u>Operational Limit</u></b> The Permittee shall make records available to the Department upon request. <b>[Reference: COMAR 26.11.03.06C]</b></p>



**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

<b>Table IV – 5</b>	
<b>5.0</b>	<p><b><u>Emissions Unit Number(s) – EU-06</u></b></p> <p>MDE Reg. No. 6-1438</p> <p>One (1) tub grinder, powered by a 1,050 bhp diesel-fired internal combustion engine, installed March 2013.</p>
<b>5.1</b>	<p><b><u>Applicable Standards/Limits:</u></b></p> <p><b><u>A. Control of Visible Emissions</u></b></p> <p><b><u>(1) Control of Visible Emission for grinding process</u></b> <b>[COMAR 26.11.06.02C(2)]</b> “In Areas III and IV, a person may not cause or permit the discharge of emissions from any installation or building, other than water in an uncombined form, which is visible to human observers.”</p> <p><b>Exception – [COMAR 26.11.06.02A(2)]</b> “The visible emissions standards in C of this regulation do not apply to emissions during start-up and process modification or adjustments, or occasional cleaning of control equipment, if: (a) The visible emissions are not greater than 40 percent opacity; and (b) The visible emissions do not occur for more than 6 consecutive minutes in any 60 minute period.”</p> <p><b><u>FOR ENGINE ONLY</u></b></p> <p><b><u>(2) Visible Emissions Limits for Stationary Internal Combustion Engine Powered Equipment</u></b> <b>[COMAR 26.11.09.05E]</b></p> <p>(1) “Emissions During Idle Mode. A person may not cause or permit the discharge of emissions from any engine, operating at idle, greater than 10 percent opacity.</p> <p>(2) Emissions During Operating Mode. A person may not cause or permit the discharge of emissions from any engine, operating at other than idle conditions, greater than 40 percent opacity.</p> <p>(3) <u>Exceptions:</u></p> <p>(a) Section E(2) does not apply for a period of 2 consecutive minutes after a period of idling of 15</p>

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

<b>Table IV – 5</b>	
	<p>consecutive minutes for the purpose of clearing the exhaust system.</p> <p>(b) Section E(2) does not apply to emissions resulting directly from cold engine start-up and warm-up for the following maximum periods:</p> <p style="margin-left: 40px;">(i) Engines that are idled continuously when not in service: 30 minutes;</p> <p style="margin-left: 40px;">(ii) All other engines: 15 minutes.</p> <p>(c) Section E(2) and (3) does not apply while maintenance, repair, or testing is being performed by qualified mechanics.”</p> <p><b>FOR ENGINE ONLY</b></p> <p><b>B. <u>Control of Sulfur Oxides from Fuel Burning Equipment</u></b> <b>[COMAR 26.11.09.07A(2)]</b> “A person may not burn, sell, or make available for sale any fuel with a sulfur content by weight in excess of or which otherwise exceeds the following limitations:</p> <p style="margin-left: 40px;">(b) Distillate fuel oils, 0.3 percent;”</p> <p><b>C. <u>Operational Limit</u></b> The engine, which powers the horizontal grinder, shall operate no more than 2,500 hours for any 12-month rolling period. <b>[MDE Permit No. 005-02075-9-1438]</b></p>
<b>5.2</b>	<p><b><u>Testing Requirements:</u></b></p> <p><b>A. <u>Control of Visible Emissions</u></b> <b>(1) <u>Control of Visible Emissions for grinding process</u></b> See monitoring requirements.</p> <p><b>FOR ENGINE ONLY</b></p> <p><b>(2) <u>Visible Emissions Limits for Stationary Internal Combustion Engine Powered Equipment</u></b> See monitoring requirements.</p>

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

<b>Table IV – 5</b>	
	<p><b>B. <u>Control of Sulfur Oxides from Fuel Burning Equipment</u></b> See monitoring requirements.</p> <p><b>C. <u>Operational Limit</u></b> See monitoring requirements.</p>
<b>5.3</b>	<p><b><u>Monitoring Requirements:</u></b></p> <p><b>A. <u>Control of Visible Emissions</u></b></p> <p>(1) <b><u>Control of Visible Emissions for grinding process</u></b> The Permittee shall properly operate and maintain the horizontal grinder in a manner to minimize visible emissions. [Reference: COMAR 26.11.03.06C]</p> <p><b>FOR ENGINE ONLY</b></p> <p>(2) <b><u>Visible Emissions Limits for Stationary Internal Combustion Engine Powered Equipment</u></b> The Permittee shall properly operate and maintain engine in a manner to minimize visible emissions. [Reference: COMAR 26.11.03.06C]</p> <p><b>B. <u>Control of Sulfur Oxides from Fuel Burning Equipment</u></b> The Permittee shall obtain a certification from the fuel supplier indicating that the fuel oil complies with the limitation on sulfur content of the fuel oil. [Reference: COMAR 26.11.03.06C]</p> <p><b>C. <u>Operational Limit</u></b> The Permittee shall monitor the operating hours for the engine that drives the tub grinder. [Reference: MDE Permit No. 005-02075-9-1438]</p>
<b>5.4</b>	<p><b><u>Record Keeping Requirements:</u></b></p> <p><b>A. <u>Control of Visible Emissions</u></b></p> <p>(1) <b><u>Control of Visible Emissions for grinding process</u></b> See reporting requirements.</p> <p><b>FOR ENGINE ONLY</b></p> <p>(2) <b><u>Visible Emissions Limits for Stationary Internal Combustion Engine Powered Equipment</u></b> The Permittee shall retain records of preventive maintenance on</p>

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

<b>Table IV – 5</b>	
	<p>site for at least five years and make these records available to the Department upon request. <b>[Reference: COMAR 26.11.03.06C]</b></p> <p><b>B. <u>Control of Sulfur Oxides from Fuel Burning Equipment</u></b> The Permittee shall retain annual fuel supplier certifications stating that the fuel oil is in compliance with this regulation must be maintained for at least 5 years. <b>[Reference: COMAR 26.11.09.07C]</b></p> <p><b>C. <u>Operational Limit</u></b> The Permittee shall maintain records of the operating hours for the engine that drives the horizontal grinder. <b>[Reference: COMAR 26.11.03.06C]</b></p>
<b>5.5</b>	<p><b><u>Reporting Requirements:</u></b></p> <p><b>A. <u>Control of Visible Emissions</u></b></p> <p>(1) <b><u>Control of Visible Emissions for grinding process</u></b> The Permittee shall report incidents of visible emissions in accordance with Permit Condition 4, Section III, Plant Wide Condition, "Report of Excess Emissions and Deviations.</p> <p><b>FOR ENGINE ONLY</b></p> <p>(2) <b><u>Visible Emissions Limits for Stationary Internal Combustion Engine Powered Equipment</u></b> The Permittee shall report incidents of visible emissions in accordance with Permit Condition 4, Section III, Plant Wide Condition, "Report of Excess Emissions and Deviation</p> <p><b>B. <u>Control of Sulfur Oxides from Fuel Burning Equipment</u></b> The Permittee shall report the amount of fuel oil combusted as part of the annual emission certification.</p> <p><b>C. <u>Operational Limit</u></b> The Permittee shall report the engine operating hours as part of the annual emission certification.</p>

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

<b>Table IV – 4</b>	
<b>6.0</b>	<p><b><u>Emissions Unit Number(s) – EU-07</u></b></p> <p>MDE Reg. No. 9-1556</p> <p>Open flare for burning landfill gas and rated at 750 scfm.</p>
<b>6.1</b>	<p><b><u>Applicable Standards/Limits:</u></b></p> <p><b>A. <u>Control of Visible Emissions</u></b>  <b>[COMAR 26.11.06.02C(2)] – Visible Emission Standards.</b>            “In Areas III and IV, a person may not cause or permit the discharge of emissions from any installation or building, other than water in an uncombined form, which is visible to human observers.”</p> <p><b>[COMAR 26.11.06.02A(2)] – Exception.</b>            “The visible emissions standards in C of this regulation do not apply to emissions during start-up and process modification or adjustments, or occasional cleaning of control equipment, if: (a) The visible emissions are not greater than 40 percent opacity; and (b) The visible emissions do not occur for more than 6 consecutive minutes in any 60 minute period.”</p> <p><b>B. <u>Operational Limit</u></b>            The Permittee shall operate and maintain the flare system in accordance with the manufacturer’s recommendations. <b>[Reference: MDE PTC No. 005-2075-9-1556].</b></p>
<b>6.2</b>	<p><b><u>Testing Requirements:</u></b></p> <p><b>A. <u>Control of Visible Emissions</u></b>            The Permittee shall follow the Monitoring procedures in Section 6.3.A.</p> <p><b>B. <u>Operational Limit</u></b>            The Permittee shall follow the Monitoring procedures in Section 6.3.B.</p>
<b>6.3</b>	<p><b><u>Monitoring Requirements:</u></b></p> <p><b>A. <u>Control of Visible Emissions</u></b>            Permittee shall properly operate and maintain the flare in a manner to minimize visible emissions. <b>[Reference: COMAR 26.11.03.06C]</b></p>

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

<b>Table IV – 4</b>	
	<p><b>B. <u>Operational Limit</u></b> The Permittee shall monitor the flare system in accordance with the manufacturer’s recommendations. [Reference: MDE PTC No. 005-2075-9-1556]</p>
<b>6.4</b>	<p><b><u>Record Keeping Requirements:</u></b></p> <p><b>A. <u>Control of Visible Emissions</u></b> The Permittee shall retain records of preventive maintenance on site for at least five years and make these records available to the Department upon request. [Reference: COMAR 26.11.03.06C]</p> <p><b>B. <u>Operational Limit</u></b> The Permittee shall keep the records required above on site for at least five years and shall make such records available to Department upon request. [Reference: COMAR 26.11.03.06C]</p>
<b>6.5</b>	<p><b><u>Reporting Requirements:</u></b></p> <p><b>A. <u>Control of Visible Emissions</u></b> The Permittee shall report incidents of visible emissions in accordance with Permit Condition 4, Section III, Plant Wide Condition, “Report of Excess Emissions and Deviations.</p> <p><b>B. <u>Operational Limit</u></b> The Permittee shall make records available to the Department upon request. [Reference: COMAR 26.11.03.06C]</p>

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**TABLE 1 OF SUBPART AAAA OF PART 63.—APPLICABILITY OF NESHAP GENERAL PROVISIONS TO SUBPART AAAA**

Part 63 Citation	Description	Explanation
63.1(a) .....	Applicability: general applicability of NESHAP in this part.	Affected sources are already subject to the provisions of paragraphs (a)(10)–(12) through the same provisions under 40 CFR, part 60 subpart A.
63.1(b) .....	Applicability determination for stationary sources.	
63.1(e) .....	Title V permitting.	
63.2 .....	Definitions.	
63.4 .....	Prohibited activities and circumvention .....	Affected sources are already subject to the provisions of paragraph (b) through the same provisions under 40 CFR, part 60 subpart A.
63.5(b) .....	Requirements for existing, newly constructed, and reconstructed sources.	
63.6(e) .....	Operation and maintenance requirements, startup, shutdown and malfunction plan provisions.	
63.6(f) .....	Compliance with nonopacity emission standards .....	Affected sources are already subject to the provisions of paragraphs (f)(1) and (2)(i) through the same provisions under 40 CFR, part 60 subpart A.
63.10(b)(2)(i)–(b)(2)(v) .....	General recordkeeping requirements.	
63.10(d)(5) .....	If actions taken during a startup, shutdown and malfunction plan are consistent with the procedures	

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

	<p>in the startup, shutdown and malfunction plan, this information shall be included in a semi-annual startup, shutdown and malfunction plan report. Any time an action taken during a startup, shutdown and malfunction plan is not consistent with the startup, shutdown and malfunction plan, the source shall report actions taken within 2 working days after commencing such actions, followed by a letter 7 days after the event.</p>	
<p>63.12(a)  .....</p>	<p>These provisions do not preclude the State from adopting and enforcing any standard, limitation, etc., requiring permits, or requiring emissions reductions in excess of those specified.</p>	



**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**SECTION V     INSIGNIFICANT ACTIVITIES**

This section provides a list of insignificant emissions units that were reported in the Title V permit application. The applicable Clean Air Act requirements, if any, are listed below the insignificant activity.

- (1) No.   3   Fuel burning equipment using gaseous fuels or no. 1 or no. 2 fuel oil, and having a heat input less than 1,000,000 Btu (1.06 gigajoules) per hour;

The two (2) Fuel burning units are subject to the following requirements: one (1) 799,890 BTU/hour passive flare for odor control on leachate tank vent (not currently in use); one (1) 185,000 BTU/hr waste oil burner in maintenance shop; and one (1) 185,000 BTU/hr No.2 fuel oil fired furnace to heat the administration office.

**[COMAR 26.11.09.05A(2)] – Fuel Burning Equipment.**

“In Areas III and IV a person may not cause or permit the discharge of emissions from any installation or building, other than water in an uncombined form, which is visible to human observers.”

**[COMAR 26.11.09.05A(3)] – Exceptions.**

“Section A(1) and (2) of this regulation do not apply to emissions during load changing, soot blowing, startup, or adjustments or occasional cleaning of control equipment if:

- (a) The visible emissions are not greater than 40 percent opacity; and
- (b) The visible emissions do not occur for more than 6 consecutive minutes in any sixty minute period.”

- (2) No.   7   Stationary internal combustion engines with an output less than 500 brake horsepower (373 kilowatts) and which are not used to generate electricity for sale or for peak or load shaving;

The seven (7) internal combustion engines are subject to the following requirements: one (1) 11 hp gasoline-fueled motor running the Champion compressor in the compost shed; two (2) 75 hp diesel trash pump (4” Godwin Pump); one (1) 135 hp diesel-fueled engine used for trommel screener in yard materials processing center; and two (2) Handheld diesel-fired

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

power washers, and one (1) Kholer 200 KW diesel stand-by generator.

**[COMAR 26.11.09.05E(2)] – Stationary Internal Combustion Engine Powered Equipment.**

“(2) Emissions During Idle Mode. A person may not cause or permit the discharge of emissions from any engine, operating at idle, greater than 10 percent opacity.”

“(3) Emissions During Operating Mode. A person may not cause or permit the discharge of emissions from any engine, operating at other than idle conditions, greater than 40 percent opacity.”

“(4) Exceptions.

- (a) Section E(2) of this regulation does not apply for a period of 2 consecutive minutes after a period of idling of 15 consecutive minutes for the purpose of clearing the exhaust system.
  - (b) Section E(2) of this regulation does not apply to emissions resulting directly from cold engine start-up and warm-up for the following maximum periods:
    - (i) Engines that are idled continuously when not in service: 30 minutes;
    - (ii) All other engines: 15 minutes.
  - (c) Section E(2) and (3) of this regulation do not apply while maintenance, repair, or testing is being performed by qualified mechanics.”
- (3) Containers, reservoirs, or tanks used exclusively for:
- (a) No.   9   Storage of lubricating oils;
  - (b) No.   7   Storage of Numbers 1, 2, 4, 5, and 6 fuel oil and aviation jet engine fuel;
  - (c) No.   1   Storage of motor vehicle gasoline and having individual tank capacities of 2,000 gallons (7.6 cubic meters) or less;
- (4)   X   Portable water treatment equipment, not including air stripping equipment;
- (5)   X   Comfort air conditioning subject to requirements of Title VI of the Clean Air Act;

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

- (6) any other emissions unit, not listed in this section, with a potential to emit less than the "de minimus" levels listed in COMAR 26.11.02.10X (list and describe units):

No.   1   Yard Material Processing Center

No.   1   Transfer Station

No.   1   Underground 19,800 gallon Leachate Tank (UST-4)

No.   1   10,000 gallon tank (UST-2) (washwater & refuse liquids from transfer station)

No.   1   1,500 gallon tank (UST-2) (washwater from cleaning off trucks)

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

**SECTION VI STATE-ONLY ENFORCEABLE CONDITIONS**

The Permittee is subject to the following State-only enforceable requirements:

1. Applicable Regulations:

- (A) **COMAR 26.11.06.08 – Nuisance.**  
“An installation or premises may not be operated or maintained in such a manner that a nuisance or air pollution is created. Nothing in this regulation relating to the control of emissions may in any manner be constructed as authorizing or permitting the creation of, or maintenance of, nuisance or air pollution.”
- (B) **COMAR 26.11.06.09 – Odors.**  
“A person may not cause or permit the discharge into the atmosphere of gases, vapors, or odors beyond the property line in such a manner that a nuisance or air pollution is created.”
- (C) **COMAR 26.11.15.05A – Control Technology Requirement.**  
“A person may not construct, reconstruct, operate, or cause to be constructed, reconstructed, or operated any new installation or new source that will discharge a toxic air pollutant to the atmosphere without installing and operating T-BACT.”
- (D) **COMAR 26.11.15.06A – Ambient Impact Requirement.**
- (1) “Except as provided in Sec. A(2), of this regulation, a person may not construct, modify, or operate or cause to be constructed, modified, or operated any new installation or source without first demonstrating to the satisfaction of the Department using procedures established in this chapter that total allowable emissions from the premises of each toxic air pollutant discharged by the new installation or source will not unreasonably endanger human health; and
  - (2) If a new installation or source will discharge a TAP that is not listed in COMAR 26.11.16.07, and will be part of an existing premises, then emissions of that TAP from existing sources or existing installations on the premises may be omitted from a screening analysis unless the TAP is added to COMAR 26.11.16.07.”

**EASTERN SANITARY LANDFILL  
6259 DAYS COVE ROAD  
WHITE MARSH, MD 21162  
PART 70 OPERATING PERMIT NO. 24-005-02075**

2. Record Keeping and Reporting:

The Permittee shall submit to the Department, by April 1 of each year during the term of this permit, a written certification of the results of an analysis of emissions of toxic air pollutants from the Permittee's facility during the previous calendar year. The analysis shall include either:

- (a) a statement that previously submitted compliance demonstrations for emissions of toxic air pollutants remain valid; or
- (b) a revised compliance demonstration, developed in accordance with requirements included under COMAR 26.11.15 & 16, that accounts for changes in operations, analytical methods, emissions determinations, or other factors that have invalidated previous demonstrations.